

Department of Neurosurgery at the University of Rochester

Department of Neurosurgery at the University of Rochester founder, [William Perrine Van Wagenen](#), was a direct pupil of [Harvey Williams Cushing](#) and the first president of the [Harvey Cushing Society](#).

His successor, [Frank P. Smith](#), was also a leader in organized neurosurgery and helped to permanently memorialize his mentor with an endowed fellowship that today is one of the most prestigious training awards in neurosurgery.

The first 2 chiefs are honored every year by the department with memorial invited lectureships in their names. The department is home to a thriving multidisciplinary research program that fulfills the lifelong vision of its founder, Dr. Van Wagenen ¹⁾.

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<http://www.urmc.rochester.edu/neurosurgery.aspx>

Gewandter JS, McDermott MP, He H, Gao S, Cai X, Farrar JT, Katz NP, Markman JD, Senn S, Turk DC, Dworkin RH. Demonstrating heterogeneity of [treatment](#) effects among [patients](#): an overlooked but important step toward [precision medicine](#). Clin Pharmacol Ther. 2019 Jan 19. doi: 10.1002/cpt.1372. [Epub ahead of print] PubMed PMID: 30661240.

2: Mihalea C, Caroff J, Pagiola I, Ikka L, Hashemi GB, Naderi S, Chalumeau V, Ples H, Popa BV, Yasuda T, Marenco de la Torre JJ, Iacobucci M, Ozanne A, Gallas S, Rouchaud A, Pescariu PS, Moret PJ, Spelle PL. Safety and efficiency of the fifth generation Woven EndoBridge device: technical note. J Neurointerv Surg. 2019 Jan 17. pii: neurintsurg-2018-014343. doi: 10.1136/neurintsurg-2018-014343. [Epub ahead of print] PubMed PMID: 30655358.

3: Chepelev L, Wake N, Ryan J, Althobaity W, Gupta A, Arribas E, Santiago L, Ballard DH, Wang KC, Weadock W, Ionita CN, Mitsouras D, Morris J, Matsumoto J, Christensen A, Liacouras P, Rybicki FJ, Sheikh A; RSNA Special Interest Group for 3D Printing. Radiological Society of North America (RSNA) 3D printing Special Interest Group (SIG): guidelines for medical 3D printing and appropriateness for clinical scenarios. 3D Print Med. 2018 Nov 21;4(1):11. doi: 10.1186/s41205-018-0030-y. PubMed PMID: 30649688; PubMed Central PMCID: PMC6251945.

4: Huang RY, Bi WL, Griffith B, Kaufmann TJ, la Fougère C, Schmidt NO, Tonn JC, Vogelbaum MA, Wen PY, Aldape K, Nassiri F, Zadeh G, Dunn IF; International Consortium on Meningiomas. Imaging and diagnostic advances for intracranial meningiomas. Neuro Oncol. 2019 Jan 14;21(Supplement_1):i44-i61. doi: 10.1093/neuonc/noy143. PubMed PMID: 30649491.

5: Brastianos PK, Galanis E, Butowski N, Chan JW, Dunn IF, Goldbrunner R, Herold-Mende C, Ippen FM, Mawrin C, McDermott MW, Sloan A, Snyder J, Tabatabai G, Tatagiba M, Tonn JC, Wen PY, Aldape K, Nassiri F, Zadeh G, Jenkinson MD, Raleigh DR; International Consortium on Meningiomas. Advances in multidisciplinary therapy for meningiomas. Neuro Oncol. 2019 Jan 14;21(Supplement_1):i18-i31. doi: 10.1093/neuonc/noy136. PubMed PMID: 30649489.

6: Sweeney MD, Montagne A, Sagare AP, Nation DA, Schneider LS, Chui HC, Harrington MG, Pa J, Law M, Wang DJJ, Jacobs RE, Doubal FN, Ramirez J, Black SE, Nedergaard M, Benveniste H, Dichgans M,

Iadecola C, Love S, Bath PM, Markus HS, Salman RA, Allan SM, Quinn TJ, Kalaria RN, Werring DJ, Carare RO, Touyz RM, Williams SCR, Moskowitz MA, Katusic ZS, Lutz SE, Lazarov O, Minshall RD, Rehman J, Davis TP, Wellington CL, González HM, Yuan C, Lockhart SN, Hughes TM, Chen CLH, Sachdev P, O'Brien JT, Skoog I, Pantoni L, Gustafson DR, Biessels GJ, Wallin A, Smith EE, Mok V, Wong A, Passmore P, Barkof F, Muller M, Breteler MMB, Román GC, Hamel E, Seshadri S, Gottesman RF, van Buchem MA, Arvanitakis Z, Schneider JA, Drewes LR, Hachinski V, Finch CE, Toga AW, Wardlaw JM, Zlokovic BV. Vascular dysfunction-The disregarded partner of Alzheimer's disease. *Alzheimers Dement.* 2019 Jan;15(1):158-167. doi: 10.1016/j.jalz.2018.07.222. PubMed PMID: 30642436; PubMed Central PMCID: PMC6338083.

7: Théry C, Witwer KW, Aikawa E, Alcaraz MJ, Anderson JD, Andriantsitohaina R, Antoniou A, Arab T, Archer F, Atkin-Smith GK, Ayre DC, Bach JM, Bachurski D, Baharvand H, Balaj L, Baldacchino S, Bauer NN, Baxter AA, Bebawy M, Beckham C, Bedina Zavec A, Benmoussa A, Berardi AC, Bergese P, Bielska E, Blenkiron C, Bobis-Wozowicz S, Boilard E, Boireau W, Bongiovanni A, Borràs FE, Bosch S, Boulanger CM, Breakefield X, Breglio AM, Brennan MÁ, Brigstock DR, Brisson A, Broekman ML, Bromberg JF, Bryl-Górecka P, Buch S, Buck AH, Burger D, Busatto S, Buschmann D, Bussolati B, Buzás EI, Byrd JB, Camussi G, Carter DR, Caruso S, Chamley LW, Chang YT, Chen C, Chen S, Cheng L, Chin AR, Clayton A, Clerici SP, Cocks A, Cocucci E, Coffey RJ, Cordeiro-da-Silva A, Couch Y, Coumans FA, Coyle B, Crescitelli R, Criado MF, D'Souza-Schorey C, Das S, Datta Chaudhuri A, de Candia P, De Santana EF, De Wever O, Del Portillo HA, Demaret T, Deville S, Devitt A, Dhondt B, Di Vizio D, Dieterich LC, Dolo V, Dominguez Rubio AP, Dominici M, Dourado MR, Driedonks TA, Duarte FV, Duncan HM, Eichenberger RM, Ekström K, El Andaloussi S, Elie-Caille C, Erdbrügger U, Falcón-Pérez JM, Fatima F, Fish JE, Flores-Bellver M, Försonits A, Frelet-Barrand A, Fricke F, Fuhrmann G, Gabrielsson S, Gámez-Valero A, Gardiner C, Gärtner K, Gaudin R, Gho YS, Giebel B, Gilbert C, Gimona M, Giusti I, Goberdhan DC, Görgens A, Gorski SM, Greening DW, Gross JC, Gualerzi A, Gupta GN, Gustafson D, Handberg A, Haraszti RA, Harrison P, Hegyesi H, Hendrix A, Hill AF, Hochberg FH, Hoffmann KF, Holder B, Holthofer H, Hosseinkhani B, Hu G, Huang Y, Huber V, Hunt S, Ibrahim AG, Ikezu T, Inal JM, Isin M, Ivanova A, Jackson HK, Jacobsen S, Jay SM, Jayachandran M, Jenster G, Jiang L, Johnson SM, Jones JC, Jong A, Jovanovic-Talisman T, Jung S, Kalluri R, Kano SI, Kaur S, Kawamura Y, Keller ET, Khamari D, Khomyakova E, Khvorova A, Kierulf P, Kim KP, Kislinger T, Klingeborn M, Klinke DJ 2nd, Kornek M, Kosanović MM, Kovács ÁF, Krämer-Albers EM, Krasemann S, Krause M, Kurochkin IV, Kusuma GD, Kuypers S, Laitinen S, Langevin SM, Languino LR, Lannigan J, Lässer C, Laurent LC, Lavieu G, Lázaro-Ibáñez E, Le Lay S, Lee MS, Lee YXF, Lemos DS, Lenassi M, Leszczynska A, Li IT, Liao K, Libregts SF, Ligeti E, Lim R, Lim SK, Liné A, Linnemannstöns K, Llorente A, Lombard CA, Lorenowicz MJ, Lörincz ÁM, Lötvall J, Lovett J, Lowry MC, Loyer X, Lu Q, Lukomska B, Lunavat TR, Maas SL, Malhi H, Marcilla A, Mariani J, Mariscal J, Martens-Uzunova ES, Martin-Jaular L, Martinez MC, Martins VR, Mathieu M, Mathivanan S, Maugeri M, McGinnis LK, McVey MJ, Meckes DG Jr, Meehan KL, Mertens I, Minciaccchi VR, Möller A, Møller Jørgensen M, Morales-Kastresana A, Morhayim J, Mullier F, Muraca M, Musante L, Mussack V, Muth DC, Myburgh KH, Najrana T, Nawaz M, Nazarenko I, Nejsum P, Neri C, Neri T, Nieuwland R, Nimrichter L, Nolan JP, Nolte-'t Hoen EN, Noren Hooten N, O'Driscoll L, O'Grady T, O'Loghlen A, Ochiya T, Olivier M, Ortiz A, Ortiz LA, Osteikoetxea X, Østergaard O, Ostrowski M, Park J, Pegtel DM, Peinado H, Perut F, Pfaffl MW, Phinney DG, Pieters BC, Pink RC, Pisetsky DS, Pogge von Strandmann E, Polakovicova I, Poon IK, Powell BH, Prada I, Pulliam L, Quesenberry P, Radeghieri A, Raffai RL, Raimondo S, Rak J, Ramirez MI, Raposo G, Rayyan MS, Regev-Rudzki N, Ricklefs FL, Robbins PD, Roberts DD, Rodrigues SC, Rohde E, Rome S, Rouschop KM, Rughetti A, Russell AE, Saá P, Sahoo S, Salas-Huenuleo E, Sánchez C, Saugstad JA, Saul MJ, Schiffelers RM, Schneider R, Schøyen TH, Scott A, Shahaj E, Sharma S, Shatnyeva O, Shekari F, Shelke GV, Shetty AK, Shiba K, Siljander PR, Silva AM, Skowronek A, Snyder OL 2nd, Soares RP, Sódar BW, Soekmadji C, Sotillo J, Stahl PD, Stoorvogel W, Stott SL, Strasser EF, Swift S, Tahara H, Tewari M, Timms K, Tiwari S, Tixeira R, Tkach M, Toh WS, Tomasini R, Torrecilhas AC, Tosar JP, Toxavidis V, Urbanelli L, Vader P, van Balkom BW, van der Grein SG, Van Deun J, van Herwijnen MJ, Van Keuren-Jensen K, van Niel G, van Royen ME, van Wijnen AJ,

Vasconcelos MH, Vechetti IJ Jr, Veit TD, Vella LJ, Velot É, Verweij FJ, Vestad B, Viñas JL, Visnovitz T, Vukman KV, Wahlgren J, Watson DC, Wauben MH, Weaver A, Webber JP, Weber V, Wehman AM, Weiss DJ, Welsh JA, Wendt S, Wheelock AM, Wiener Z, Witte L, Wolfram J, Xagorari A, Xander P, Xu J, Yan X, Yáñez-Mó M, Yin H, Yuana Y, Zappulli V, Zarubova J, Žekas V, Zhang JY, Zhao Z, Zheng L, Zheutlin AR, Zickler AM, Zimmermann P, Zivkovic AM, Zocco D, Zuba-Surma EK. Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *J Extracell Vesicles*. 2018 Nov 23;7(1):1535750. doi: 10.1080/20013078.2018.1535750. eCollection 2018. PubMed PMID: 30637094; PubMed Central PMCID: PMC6322352.

8: George BP, Pieters TA, Zammit CG, Kelly AG, Sheth KN, Bhalla T. Trends in Interhospital Transfers and Mechanical Thrombectomy for United States Acute Ischemic Stroke Inpatients. *J Stroke Cerebrovasc Dis.* 2019 Jan 7. pii: S1052-3057(18)30717-1. doi: 10.1016/j.jstrokecerebrovasdis.2018.12.018. [Epub ahead of print] PubMed PMID: 30630752.

9: Gewandter JS, Frazer ME, Cai X, Chiodo VF, Rast SA, Dugan M, Carter HA, Rahmani R, Stone JJ, Markman JD. Extended-release gabapentin for failed back surgery syndrome: results from a randomized double-blind cross-over study. *Pain*. 2019 Jan 7. doi: 10.1097/j.pain.0000000000001478. [Epub ahead of print] PubMed PMID: 30624344.

10: Ramos M, Burdon Bechet N, Battistella R, Pavan C, Xavier ALR, Nedergaard M, Lundgaard I. Cisterna Magna Injection in Rats to Study Glymphatic Function. *Methods Mol Biol.* 2019;1938:97-104. doi: 10.1007/978-1-4939-9068-9_7. PubMed PMID: 30617975.

11: Skinner SA, Aydinlar EI, Borges LF, Carter BS, Currier BL, Deletis V, Dong C, Dormans JP, Drost G, Fernandez-Conejero I, Hoffman EM, Holdefer RN, Kimaid PAT, Koht A, Kothbauer KF, MacDonald DB, McAuliffe JJ 3rd, Morledge DE, Morris SH, Norton J, Novak K, Park KS, Perra JH, Prell J, Rippe DM, Sala F, Schwartz DM, Segura MJ, Seidel K, Seubert C, Simon MV, Soto F, Strommen JA, Szelenyi A, Tello A, Ulkatan S, Urriza J, Wilkinson M. Is the new ASNM intraoperative neuromonitoring supervision "guideline" a trustworthy guideline? A commentary. *J Clin Monit Comput.* 2019 Jan 5. doi: 10.1007/s10877-018-00242-3. [Epub ahead of print] PubMed PMID: 30612285.

12: Rangel-Castilla L, Shallwani H, Siddiqui AH. Transvenous embolization of thalamic arteriovenous malformation under transient cardiac standstill. *Neurosurg Focus*. 2019 Jan 1;46(Suppl_1):V10. doi: 10.3171/2019.1.FocusVid.18416. PubMed PMID: 30611173.

13: Wira CR 3rd, Madsen TE, Chang BP, Nomura JT, Marcolini E, Gentile NT, Schreyer KE, Merck LH, Siket M, Greenberg K, Zammit CG, Jauch EC, Fernanda Bellolio M; from the Society for Academic Emergency Medicine Neurological Emergencies Interest Group. Is There a Neurologist in the House? A Summary of the Current State of Neurovascular Rotations for Emergency Medicine Residents. *AEM Educ Train.* 2018 Nov 12;2(Suppl Suppl 1):S56-S67. doi: 10.1002/aet2.10200. eCollection 2018 Dec. PubMed PMID: 30607380; PubMed Central PMCID: PMC6304277.

14: Herman MJ, Brown KO, Sponseller PD, Phillips JH, Petrucci PM, Parikh DJ, Mody KS, Leonard JC, Moront M, Brockmeyer DL, Anderson RCE, Alder AC, Anderson JT, Bernstein RM, Booth TN, Braga BP, Cahill PJ, Joglar JM, Martus JE, Nesimama JO, Pahys JM, Rathjen KE, Riccio AI, Schulz JF, Stans AA, Shah MI, Warner WC Jr, Yasay B. Pediatric Cervical Spine Clearance: A Consensus Statement and Algorithm from the Pediatric Cervical Spine Clearance Working Group. *J Bone Joint Surg Am.* 2019 Jan 2;101(1):e1. doi: 10.2106/JBJS.18.00217. PubMed PMID: 30601421.

15: Towner JE, Piper KF, Schoeniger LO, Qureshi SH, Li YM. Use of image-guided bone scalpel for resection of spine tumors: technical note. *AME Case Rep.* 2018 Nov 29;2:48. doi:

10.21037/acr.2018.11.02. eCollection 2018. PubMed PMID: 30596203; PubMed Central PMCID: PMC6286896.

16: Fritchie K, Jensch K, Moskalev EA, Caron A, Jenkins S, Link M, Brown PD, Rodriguez FJ, Guajardo A, Brat D, Velázquez Vega JE, Perry A, Wu A, Raleigh DR, Santagata S, Louis DN, Brastianos PK, Kaplan A, Alexander BM, Rossi S, Ferrarese F, Haller F, Giannini C. The impact of histopathology and NAB2-STAT6 fusion subtype in classification and grading of meningeal solitary fibrous tumor/hemangiopericytoma. *Acta Neuropathol.* 2018 Dec 24. doi: 10.1007/s00401-018-1952-6. [Epub ahead of print] PubMed PMID: 30584643.

17: Lu VM, Goyal A, Quinones-Hinojosa A, Chaichana KL. Updated incidence of neurological deficits following insular glioma resection: A systematic review and meta-analysis. *Clin Neurol Neurosurg.* 2018 Dec 17;177:20-26. doi: 10.1016/j.clineuro.2018.12.013. [Epub ahead of print] Review. PubMed PMID: 30580067.

18: Wilson TJ, Maldonado AA, Amrami KK, Glazebrook KN, Moynagh MR, Spinner RJ. The anatomic location and importance of the tibialis posterior fascicular bundle at the sciatic nerve bifurcation: report of 3 cases. *J Neurosurg.* 2018 Dec 21:1-7. doi: 10.3171/2018.8.JNS181190. [Epub ahead of print] PubMed PMID: 30579281.

19: Radder DL, de Vries NM, Riksen NP, Diamond SJ, Gross D, Gold DR, Heesakkers J, Henderson E, Hommel AL, Lennaerts HH, Busch J, Dorsey RE, Andrejack J, Bloem BR. Multidisciplinary care for people with Parkinson's disease: the new kids on the block! *Expert Rev Neurother.* 2018 Dec 20. doi: 10.1080/14737175.2019.1561285. [Epub ahead of print] PubMed PMID: 30570362.

20: Johnson DR, Kaufmann TJ, Patel SH, Chi AS, Snuderl M, Jain R. There is an exception to every rule-T2-FLAIR mismatch sign in gliomas. *Neuroradiology.* 2018 Dec 18. doi: 10.1007/s00234-018-2148-4. [Epub ahead of print] PubMed PMID: 30565056.

21: Stathias V, Jermakowicz AM, Maloof ME, Forlin M, Walters W, Suter RK, Durante MA, Williams SL, Harbour JW, Volmar CH, Lyons NJ, Wahlestedt C, Graham RM, Ivan ME, Komotar RJ, Sarkaria JN, Subramanian A, Golub TR, Schürer SC, Ayad NG. Drug and disease signature integration identifies synergistic combinations in glioblastoma. *Nat Commun.* 2018 Dec 14;9(1):5315. doi: 10.1038/s41467-018-07659-z. PubMed PMID: 30552330; PubMed Central PMCID: PMC6294341.

22: Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Park P, Wang MY, Fu KM, Slotkin JR, Asher AL, Virk MS, Kerezoudis P, Chotai S, DiGiorgio AM, Haid RW, Mummaneni PV. Laminectomy alone versus fusion for grade 1 lumbar spondylolisthesis in 426 patients from the prospective Quality Outcomes Database. *J Neurosurg Spine.* 2018 Nov 1:1-8. doi: 10.3171/2018.8.SPINE17913. [Epub ahead of print] PubMed PMID: 30544348.

23: Menger R, Mundell BF, Robbins JW, Letarte P, Bell R; in conjunction with Council of State Neurosurgical Societies and AANS/CNS Joint Committee of Military Neurosurgeons. The impact of the reserve military neurosurgeon: practice, community, and service. *Neurosurg Focus.* 2018 Dec 1;45(6):E14. doi: 10.3171/2018.9.FOCUS18378. PubMed PMID: 30544330.

24: Poppler LH, Mackinnon SE. The Role of the Peripheral Nerve Surgeon in the Treatment of Pain. *Neurotherapeutics.* 2018 Dec 12. doi: 10.1007/s13311-018-00695-z. [Epub ahead of print] Review. PubMed PMID: 30542905.

25: Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Park P, Wang MY, Fu KM, Slotkin JR, Asher AL, Virk MS, Kerezoudis P, DiGiorgio AM, Haid RW, Mummaneni PV. Obese Patients Benefit, but do not Fare as Well as Nonobese Patients, Following

Lumbar Spondylolisthesis Surgery: An Analysis of the Quality Outcomes Database. *Neurosurgery*. 2018 Dec 12. doi: 10.1093/neuros/nyy589. [Epub ahead of print] PubMed PMID: 30541141.

26: Hobart J, Ziemssen T, Feys P, Linnebank M, Goodman AD, Farrell R, Hupperts R, Blight AR, Englishby V, McNeill M, Chang I, Lima G, Elkins J; ENHANCE study investigators. Assessment of Clinically Meaningful Improvements in Self-Reported Walking Ability in Participants with Multiple Sclerosis: Results from the Randomized, Double-Blind, Phase III ENHANCE Trial of Prolonged-Release Fampridine. *CNS Drugs*. 2019 Jan;33(1):61-79. doi: 10.1007/s40263-018-0586-5. PubMed PMID: 30535670.

27: Stunnenberg BC, Raaphorst J, Groenewoud HM, Statland JM, Griggs RC, Woertman W, Stegeman DF, Timmermans J, Trivedi J, Matthews E, Saris CGJ, Schouwenberg BJ, Drost G, van Engelen BGM, van der Wilt GJ. Effect of Mexiletine on Muscle Stiffness in Patients With Nondystrophic Myotonia Evaluated Using Aggregated N-of-1 Trials. *JAMA*. 2018 Dec 11;320(22):2344-2353. doi: 10.1001/jama.2018.18020. PubMed PMID: 30535218.

28: Law I, Albert NL, Arbizu J, Boellaard R, Drzezga A, Galldiks N, la Fougère C, Langen KJ, Lopci E, Lowe V, McConathy J, Quick HH, Sattler B, Schuster DM, Tonn JC, Weller M. Joint EANM/EANO/RANO practice guidelines/SNMMI procedure standards for imaging of gliomas using PET with radiolabelled amino acids and [(18)F]FDG: version 1.0. *Eur J Nucl Med Mol Imaging*. 2018 Dec 5. doi: 10.1007/s00259-018-4207-9. [Epub ahead of print] PubMed PMID: 30519867.

29: Lu VM, Goyal A, Lee A, Jentoft M, Quinones-Hinojosa A, Chaichana KL. The prognostic significance of TERT promoter mutations in meningioma: a systematic review and meta-analysis. *J Neurooncol*. 2018 Dec 1. doi: 10.1007/s11060-018-03067-x. [Epub ahead of print] Review. PubMed PMID: 30506498.

30: Brinjikji W, Nicholson PJ, Hilditch CA, On Tsang AC, Krings T. Corrigendum to 'Orbital Infarction Syndrome Following Mechanical Thrombectomy Secondary to Embolization in New Territory' [World Neurosurgery 117 (2018) 326-329]. *World Neurosurg*. 2018 Nov 28. pii: S1878-8750(18)32547-6. doi: 10.1016/j.wneu.2018.11.001. [Epub ahead of print] PubMed PMID: 30503176.

31: Fitzgerald S, Mereuta OM, Doyle KM, Dai D, Kadirvel R, Kallmes DF, Brinjikji W. Correlation of imaging and histopathology of thrombi in acute ischemic stroke with etiology and outcome. *J Neurosurg Sci*. 2018 Dec 5. doi: 10.23736/S0390-5616.18.04629-5. [Epub ahead of print] PubMed PMID: 30514073.

32: Lina IA, Ishida W, Liauw JA, Lo SL, Elder BD, Perdomo-Pantoja A, Theodros D, Witham TF, Holmes C. A mouse model for the study of transplanted bone marrow mesenchymal stem cell survival and proliferation in lumbar spinal fusion. *Eur Spine J*. 2018 Dec 3. doi: 10.1007/s00586-018-5839-y. [Epub ahead of print] PubMed PMID: 30511246.

33: Al-Holou WN, Wilson TJ, Ali ZS, Brennan RP, Bridges KJ, Guivatchian T, Habboub G, Krishnaney AA, Lanzino G, Snyder KA, Flanders TM, Than KD, Pandey AS. Gastrostomy tube placement increases the risk of ventriculoperitoneal shunt infection: a multiinstitutional study. *J Neurosurg*. 2018 Nov 1:1-6. doi: 10.3171/2018.5.JNS18506. [Epub ahead of print] PubMed PMID: 30497165.

34: Rinaldo L, Brinjikji W, Cloft HJ, Kallmes DF, Rangel-Castilla L. Effect of Carotid Siphon Anatomy on Aneurysm Occlusion After Flow Diversion for Treatment of Internal Carotid Artery Aneurysms. *Oper Neurosurg (Hagerstown)*. 2018 Nov 29. doi: 10.1093/ons/opy340. [Epub ahead of print] PubMed PMID: 30496571.

35: Barzilai O, Versteeg AL, Sahgal A, Rhines LD, Bilsky MH, Sciubba DM, Schuster JM, Weber MH, Pal

Varga P, Boriani S, Bettegowda C, Fehlings MG, Yamada Y, Clarke MJ, Arnold PM, Gokaslan ZL, Fisher CG, Laufer I, The Ao Spine Knowledge Forum Tumor. Survival, local control, and health-related quality of life in patients with oligometastatic and polymetastatic spinal tumors: A multicenter, international study. *Cancer*. 2018 Nov 29. doi: 10.1002/cncr.31870. [Epub ahead of print] PubMed PMID: 30489634.

36: Wilson TJ, Amrami KK, Howe BM, Spinner RJ. Clinical and Radiological Follow-up of Intraneuronal Perineuriomas. *Neurosurgery*. 2018 Nov 27. doi: 10.1093/neuros/nyy476. [Epub ahead of print] PubMed PMID: 30481319.

37: Polster SP, Stadnik A, Akers AL, Cao Y, Christoforidis GA, Fam MD, Flemming KD, Girard R, Hobson N, Koenig JI, Koskimäki J, Lane K, Liao JK, Lee C, Lyne SB, McBee N, Morrison L, Piedad K, Shenkar R, Sorrentino M, Thompson RE, Whitehead KJ, Zeineddine HA, Hanley DF, Awad IA. Atorvastatin Treatment of Cavernous Angiomas with Symptomatic Hemorrhage Exploratory Proof of Concept (AT CASH EPOC) Trial. *Neurosurgery*. 2018 Nov 26. doi: 10.1093/neuros/nyy539. [Epub ahead of print] PubMed PMID: 30476251.

38: Asher AL, Devin CJ, Weisenthal BM, Pennings J, Khan I, Archer KR, Sivaganesan A, Chotai S, Bydon M, Nian H, Harrell FE Jr, McGirt MJ, Mummaneni P, Bisson EF, Shaffrey C, Foley KT; for QOD Vanguard Sites. Effect of Modified Japanese Orthopedic Association Severity Classifications on Satisfaction with Outcomes 12-months after Elective Surgery for Cervical Spine Myelopathy. *Spine (Phila Pa 1976)*. 2018 Nov 20. doi: 10.1097/BRS.0000000000002946. [Epub ahead of print] PubMed PMID: 30475334.

39: Hughes JD, Dewan MC, Park KB. In Reply to "Demographics of Aneurysmal Subarachnoid Hemorrhage". *World Neurosurg*. 2018 Dec;120:593. doi: 10.1016/j.wneu.2018.08.151. PubMed PMID: 30469296.

40: Nunno A, Li Y, Pieters TA, Towner JE, Schmidt T, Shi M, Walter K, Li YM. Risk Factors and Associated Complications of Symptomatic Venous Thromboembolism in Patients with Craniotomy for Meningioma. *World Neurosurg*. 2018 Nov 22. pii: S1878-8750(18)32641-X. doi: 10.1016/j.wneu.2018.11.091. [Epub ahead of print] PubMed PMID: 30468929.

41: Yan T, Chen Z, Chopp M, Venkat P, Zacharek A, Li W, Shen Y, Wu R, Li L, Landschoot-Ward J, Lu M, Hank KH, Zhang J, Chen J. Inflammatory responses mediate brain-heart interaction after ischemic stroke in adult mice. *J Cereb Blood Flow Metab*. 2018 Nov 22:271678×18813317. doi: 10.1177/0271678×18813317. [Epub ahead of print] PubMed PMID: 30465612.

42: Randall EC, Emdal KB, Laramy JK, Kim M, Roos A, Calligaris D, Regan MS, Gupta SK, Mladek AC, Carlson BL, Johnson AJ, Lu FK, Xie XS, Joughin BA, Reddy RJ, Peng S, Abdelmoula WM, Jackson PR, Kolluri A, Kellersberger KA, Agar JN, Lauffenburger DA, Swanson KR, Tran NL, Elmquist WF, White FM, Sarkaria JN, Agar NYR. Integrated mapping of pharmacokinetics and pharmacodynamics in a patient-derived xenograft model of glioblastoma. *Nat Commun*. 2018 Nov 21;9(1):4904. doi: 10.1038/s41467-018-07334-3. PubMed PMID: 30464169; PubMed Central PMCID: PMC6249307.

43: Liu Z, Che P, Mercado JJ, Hackney JR, Friedman GK, Zhang C, You Z, Zhao X, Ding Q, Kim K, Li H, Liu X, Markert JM, Nabors B, Gillespie GY, Zhao R, Han X. Characterization of iPSCs derived from low-grade glioma s revealed early regional chromosomal amplifications during gliomagenesis. *J Neurooncol*. 2018 Nov 20. doi: 10.1007/s11060-018-03047-1. [Epub ahead of print] PubMed PMID: 30460631.

44: Detmer FJ, Chung BJ, Jimenez C, Hamzei-Sichani F, Kallmes D, Putman C, Cebral JR. Associations of hemodynamics, morphology, and patient characteristics with aneurysm rupture stratified by aneurysm location. *Neuroradiology*. 2018 Nov 19. doi: 10.1007/s00234-018-2135-9. [Epub ahead of

print] PubMed PMID: 30456458.

45: Fam MD, Potash A, Potash M, Robinson R, Karnell L, O'Brien E, Greenlee JDW. Skull Base Dural Thickness and Relationship to Demographic Features: A Postmortem Study and Literature Review. *J Neurol Surg B Skull Base*. 2018 Dec;79(6):614-620. doi: 10.1055/s-0038-1651501. Epub 2018 Jun 5. PubMed PMID: 30456033; PubMed Central PMCID: PMC6239876.

46: Devin CJ, Bydon M, Alvi MA, Kerezoudis P, Khan I, Sivaganesan A, McGirt MJ, Archer KR, Foley KT, Mummaneni PV, Bisson EF, Knightly JJ, Shaffrey CI, Asher AL. A predictive model and nomogram for predicting return to work at 3 months after cervical spine surgery: an analysis from the Quality Outcomes Database. *Neurosurg Focus*. 2018 Nov 1;45(5):E9. doi: 10.3171/2018.8.FOCUS18326. PubMed PMID: 30453462.

47: Asher AL, Devin CJ, Harbaugh RE, Bydon M. Introduction. Predictive analytics in medicine. *Neurosurg Focus*. 2018 Nov 1;45(5):E1. doi: 10.3171/2018.8.FOCUS18441. PubMed PMID: 30453451.

48: Ishida W, Ramhmdani S, Xia Y, Kosztowski TA, Xu R, Choi J, De la Garza Ramos R, Elder BD, Theodore N, Gokaslan ZL, Sciubba DM, Witham TF, Bydon A, Wolinsky JP, Lo SL. Use of Recombinant Human Bone Morphogenetic Protein-2 at the C1-C2 Lateral Articulation without Posterior Structural Bone Graft in Posterior Atlantoaxial Fusion in Adult Patients. *World Neurosurg*. 2018 Nov 15. pii: S1878-8750(18)32584-1. doi: 10.1016/j.wneu.2018.11.037. [Epub ahead of print] PubMed PMID: 30448576.

49: Kun-Rodrigues C, Orme T, Carmona S, Hernandez DG, Ross OA, Eicher JD, Shepherd C, Parkkinen L, Darwent L, Heckman MG, Scholz SW, Troncoso JC, Pletnikova O, Dawson T, Rosenthal L, Ansorge O, Clarimon J, Lleo A, Morenas-Rodriguez E, Clark L, Honig LS, Marder K, Lemstra A, Rogaeva E, St George-Hyslop P, Londos E, Zetterberg H, Barber I, Braae A, Brown K, Morgan K, Troakes C, Al-Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Serrano GE, Beach TG, Lesage S, Galasko D, Masliah E, Santana I, Pastor P, Diez-Fairen M, Aguilar M, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Escott-Price V, Graff-Radford N, Cairns NJ, Morris JC, Pickering-Brown S, Mann D, Halliday GM, Hardy J, Trojanowski JQ, Dickson DW, Singleton A, Stone DJ, Guerreiro R, Bras J. A comprehensive screening of copy number variability in dementia with Lewy bodies. *Neurobiol Aging*. 2018 Oct 24. pii: S0197-4580(18)30383-X. doi: 10.1016/j.neurobiolaging.2018.10.019. [Epub ahead of print] PubMed PMID: 30448004.

50: Kim SY, Shin JE, Lee YI, Kim H, Jo HJ, Choi SH. Neural evidence for persistent attentional bias to threats in patients with social anxiety disorder. *Soc Cogn Affect Neurosci*. 2018 Dec 4;13(12):1327-1336. doi: 10.1093/scan/nsy101. PubMed PMID: 30445473; PubMed Central PMCID: PMC6277744.

51: Wells E, Hacohen Y, Waldman A, Tillema JM, Soldatos A, Ances B, Benseler S, Bielekova B, Dale RC, Dalmau J, Gaillard W, Gorman M, Greenberg B, Hyslop A, Pardo CA, Tasker RC, Yeh EA, Bar-Or A, Pittock S, Vanderver A, Banwell B; attendees of the International Neuroimmune Meeting. Author Correction: Neuroimmune disorders of the central nervous system in children in the molecular era. *Nat Rev Neurol*. 2018 Dec;14(12):749. doi: 10.1038/s41582-018-0077-9. PubMed PMID: 30442924.

52: Sperduto PW, Deegan BJ, Li J, Jethwa KR, Brown PD, Lockney N, Beal K, Rana NG, Attia A, Tseng CL, Sahgal A, Shanley R, Sperduto WA, Lou E, Zahra A, Buatti JM, Yu JB, Chiang V, Molitoris JK, Masucci L, Roberge D, Shi DD, Shih HA, Olson A, Kirkpatrick JP, Braunstein S, Snead P, Mehta MP. Estimating survival for renal cell carcinoma patients with brain metastases: an update of the Renal Graded Prognostic Assessment tool. *Neuro Oncol*. 2018 Nov 12;20(12):1652-1660. doi: 10.1093/neuonc/noy099. PubMed PMID: 30418657; PubMed Central PMCID: PMC6231200.

- 53: Yu LB, Huang Z, Ren ZG, Shao JS, Zhang Y, Wang R, Zhang D. Supraorbital keyhole versus pterional craniotomies for ruptured anterior communicating artery aneurysms: a propensity score-matched analysis. *Neurosurg Rev.* 2018 Nov 10. doi: 10.1007/s10143-018-1053-y. [Epub ahead of print] PubMed PMID: 30415304.
- 54: Lorenzo-Betancor O, Blackburn PR, Edwards E, Vázquez-do-Campo R, Klee EW, Labbé C, Hodges K, Glover P, Sigafoos AN, Soto AI, Walton RL, Doxsey S, Bober MB, Jennings S, Clark KJ, Asmann Y, Miller D, Freeman WD, Meschia J, Ross OA. PCNT point mutations and familial intracranial aneurysms. *Neurology.* 2018 Dec 4;91(23):e2170-e2181. doi: 10.1212/WNL.0000000000006614. Epub 2018 Nov 9. PubMed PMID: 30413633; PubMed Central PMCID: PMC6282233.
- 55: Quigg M, Barbaro NM, Ward MM, Chang EF, Broshek DK, Langfitt JT, Yan G, Laxer KD, Cole AJ, Snead PK, Hess CP, Yu W, Newman SA, Mueller S, Tripathi M, Heck CN, Miller JW, Garcia PA, McEvoy A, Fountain NB, Salanova V, Knowlton RC, Bagić A, Henry T, Kapoor S, McKhann G, Palade AE, Reuber M, Tecoma E. Visual field defects after radiosurgery versus temporal lobectomy for mesial temporal lobe epilepsy: Findings of the ROSE trial. *Seizure.* 2018 Dec;63:62-67. doi: 10.1016/j.seizure.2018.10.017. Epub 2018 Oct 31. PubMed PMID: 30408713.
- 56: Lehrer EJ, Peterson JL, Zaorsky NG, Brown PD, Sahgal A, Chiang VL, Chao ST, Sheehan JP, Trifiletti DM. Single versus multifraction stereotactic radiosurgery for large brain metastases: An international meta-analysis of 24 trials. *Int J Radiat Oncol Biol Phys.* 2018 Nov 2. pii: S0360-3016(18)33927-0. doi: 10.1016/j.ijrobp.2018.10.038. [Epub ahead of print] PubMed PMID: 30395902.
- 57: Expert Panels on Neurological Imaging, Interventional Radiology, and Musculoskeletal Imaging:, Shah LM, Jennings JW, Kirsch CFE, Hohenwalter EJ, Beaman FD, Cassidy RC, Johnson MM, Kendi AT, Lo SS, Reitman C, Sahgal A, Scheidt MJ, Schramm K, Wessell DE, Kransdorf MJ, Lorenz JM, Bykowski J. ACR Appropriateness Criteria® Management of Vertebral Compression Fractures. *J Am Coll Radiol.* 2018 Nov;15(11S):S347-S364. doi: 10.1016/j.jacr.2018.09.019. PubMed PMID: 30392604.
- 58: Expert Panel on Neurologic Imaging:, Sharma A, Kirsch CFE, Aulino JM, Chakraborty S, Choudhri AF, Germano IM, Kendi AT, Kim HJ, Lee RK, Liebeskind DS, Luttrull MD, Moritani T, Murad GJA, Shah LM, Shih RY, Symko SC, Bykowski J. ACR Appropriateness Criteria® Hearing Loss and/or Vertigo. *J Am Coll Radiol.* 2018 Nov;15(11S):S321-S331. doi: 10.1016/j.jacr.2018.09.020. PubMed PMID: 30392601.
- 59: Gross AW, Vickers A, Lee AG, Chen JJ, Bhatti MT. A slippery slope. *Surv Ophthalmol.* 2018 Oct 30. pii: S0039-6257(18)30201-7. doi: 10.1016/j.survophthal.2018.10.006. [Epub ahead of print] PubMed PMID: 30385270.
- 60: Lu VM, Alvi MA, Daniels DJ. Letter: Impact of H3.3 K27M Mutation on Prognosis and Survival of Grade IV Spinal Cord Glioma on the Basis of New 2016 World Health Organization Classification of the Central Nervous System. *Neurosurgery.* 2018 Oct 1;83(4):E193-E194. doi: 10.1093/neuros/nyy347. PubMed PMID: 30379319.
- 61: Lu VM, Alvi MA, Rovin RA, Kasper EM. Clinical outcomes following early versus late pharmacologic thromboprophylaxis in patients with traumatic intracranial hemorrhage: a systematic review and meta-analysis. *Neurosurg Rev.* 2018 Oct 29. doi: 10.1007/s10143-018-1045-y. [Epub ahead of print] Review. PubMed PMID: 30374758.
- 62: Deer TR, Grider JS, Pope JE, Falowski S, Lamer TJ, Calodney A, Provenzano DA, Sayed D, Lee E, Wahezi SE, Kim C, Hunter C, Gupta M, Benyamin R, Chopko B, Demesmin D, Diwan S, Gharibo C, Kapural L, Kloth D, Klagges BD, Harned M, Simopoulos T, McJunkin T, Carlson JD, Rosenquist RW,

- Lubenow TR, Mekhail N. The MIST Guidelines: The Lumbar Spinal Stenosis Consensus Group Guidelines for Minimally Invasive Spine Treatment. *Pain Pract.* 2018 Oct 27. doi: 10.1111/papr.12744. [Epub ahead of print] PubMed PMID: 30369003.
- 63: Towner JE, Azriel A, Rogers T, Box G, Adamides AA, Drummond K. Solid non-enhancing cerebellar pilocytic astrocytoma case report. *J Clin Neurosci.* 2019 Feb;60:155-157. doi: 10.1016/j.jocn.2018.10.062. Epub 2018 Oct 23. PubMed PMID: 30366781.
- 64: Solomon EA, Kragel JE, Gross R, Lega B, Sperling MR, Worrell G, Sheth SA, Zaghloul KA, Jobst BC, Stein JM, Das S, Gorniak R, Inman CS, Seger S, Rizzuto DS, Kahana MJ. Medial temporal lobe functional connectivity predicts stimulation-induced theta power. *Nat Commun.* 2018 Oct 25;9(1):4437. doi: 10.1038/s41467-018-06876-w. PubMed PMID: 30361627; PubMed Central PMCID: PMC6202342.
- 65: Rasmussen MK, Mestre H, Nedergaard M. The glymphatic pathway in neurological disorders. *Lancet Neurol.* 2018 Nov;17(11):1016-1024. doi: 10.1016/S1474-4422(18)30318-1. Review. PubMed PMID: 30353860; PubMed Central PMCID: PMC6261373.
- 66: Gill ML, Grahn PJ, Calvert JS, Linde MB, Lavrov IA, Strommen JA, Beck LA, Sayenko DG, Van Straaten MG, Drubach DI, Veith DD, Thoreson AR, Lopez C, Gerasimenko YP, Edgerton VR, Lee KH, Zhao KD. Publisher Correction: Neuromodulation of lumbosacral spinal networks enables independent stepping after complete paraplegia. *Nat Med.* 2018 Dec;24(12):1942. doi: 10.1038/s41591-018-0248-7. PubMed PMID: 30353100.
- 67: Yang J, Zhang Z, Zhang Y, Ni X, Zhang G, Cui X, Liu M, Xu C, Zhang Q, Zhu H, Yan J, Zhu VF, Luo Y, Hagan JP, Li Z, Fang J, Jatoi A, Fernandez-Zapico ME, Zheng L, Edil BH, Bronze MS, Houchen CW, Li YP, Li M. ZIP4 Promotes Muscle Wasting and Cachexia in Mice With Orthotopic Pancreatic Tumors by Stimulating RAB27B-Regulated Release of Extracellular Vesicles From Cancer Cells. *Gastroenterology.* 2018 Oct 17. pii: S0016-5085(18)35157-6. doi: 10.1053/j.gastro.2018.10.026. [Epub ahead of print] PubMed PMID: 30342032.
- 68: Wang F, Zheng Z, Guan J, Qi D, Zhou S, Shen X, Wang F, Wenkert D, Kirmani B, Solouki T, Fonkem E, Wong ET, Huang JH, Wu E. Identification of a panel of genes as a prognostic biomarker for glioblastoma. *EBioMedicine.* 2018 Nov;37:68-77. doi: 10.1016/j.ebiom.2018.10.024. Epub 2018 Oct 16. PubMed PMID: 30341039; PubMed Central PMCID: PMC6284420.
- 69: Tsang COA, Cheung IHW, Lau KK, Brinjikji W, Kallmes DF, Krings T. Outcomes of Stent Retriever versus Aspiration-First Thrombectomy in Ischemic Stroke: A Systematic Review and Meta-Analysis. *AJNR Am J Neuroradiol.* 2018 Nov;39(11):2070-2076. doi: 10.3174/ajnr.A5825. Epub 2018 Oct 18. PubMed PMID: 30337435.
- 70: Plog BA, Mestre H, Olveda GE, Sweeney AM, Kenney HM, Cove A, Dholakia KY, Tithof J, Nevins TD, Lundgaard I, Du T, Kelley DH, Nedergaard M. Transcranial optical imaging reveals a pathway for optimizing the delivery of immunotherapeutics to the brain. *JCI Insight.* 2018 Oct 18;3(20). pii: 120922. doi: 10.1172/jci.insight.120922. [Epub ahead of print] PubMed PMID: 30333324; PubMed Central PMCID: PMC6237481.
- 71: Al-Kharboosh R, Lara-Velazquez M, Prieto L, Sarabia-Estrada R, Quiñones-Hinojosa A. The Study of Brain Tumor Stem Cell Invasion. *Methods Mol Biol.* 2019;1869:105-116. doi: 10.1007/978-1-4939-8805-1_10. PubMed PMID: 30324518.
- 72: Lara-Velazquez M, Al-Kharboosh R, Prieto L, Schiapparelli P, Quiñones-Hinojosa A. The Study of Brain Tumor Stem Cell Migration. *Methods Mol Biol.* 2019;1869:93-104. doi: 10.1007/978-1-4939-8805-1_9. PubMed PMID: 30324517.

- 73: Brouwer PA, Brinjikji W, De Meyer SF. Clot Pathophysiology: Why Is It Clinically Important? Neuroimaging Clin N Am. 2018 Nov;28(4):611-623. doi: 10.1016/j.nic.2018.06.005. Epub 2018 Sep 15. Review. PubMed PMID: 30322597.
- 74: Michelson D, Ciafaloni E, Ashwal S, Lewis E, Narayanaswami P, Oskoui M, Armstrong MJ. Evidence in focus: Nusinersen use in spinal muscular atrophy: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology. Neurology. 2018 Nov 13;91(20):923-933. doi: 10.1212/WNL.0000000000006502. Epub 2018 Oct 12. PubMed PMID: 30315070.
- 75: Sivaganesan A, Asher AL, Bydon M, Khan I, Kerezoudis P, Foley KT, Nian H, Harrell FE Jr, Archer KR, Devin CJ. A Strategy for Risk-Adjusted Ranking of Surgeons and Practices Based on Patient-Reported Outcomes After Elective Lumbar Surgery. Spine (Phila Pa 1976). 2018 Oct 11. doi: 10.1097/BRS.0000000000002894. [Epub ahead of print] PubMed PMID: 30312268.
- 76: Kallmes DF, Sadasivan C, Fiorella D. The truth and fiction in aspiration physics: may the forces be with you. J Neurointerv Surg. 2018 Nov;10(11):1029-1030. doi: 10.1136/neurintsurg-2018-014446. PubMed PMID: 30309996.
- 77: Aleem IS, Currier BL, Yaszemski MJ, Poppendeck H, Huddleston P, Eck J, Rhee J, Bydon M, Freedman B, Nassr A. Do Cervical Spine Surgery Patients Recall Their Preoperative Status?: A Cohort Study of Recall Bias in Patient-reported Outcomes. Clin Spine Surg. 2018 Dec;31(10):E481-E487. doi: 10.1097/BSD.0000000000000726. PubMed PMID: 30299282.
- 78: Paolini MA, Kipp BR, Sukov WR, Jenkins SM, Barr Fletcher EG, Aranda D, SantaCruz KS, Al-Dandan S, Fisher P, McDonald WC, Bondurant CP, Van Dyke Darkow G, Giannini C, Parisi JE, Jentoft ME, Raghunathan A. Sellar Region Atypical Teratoid/Rhabdoid Tumors in Adults: Clinicopathological Characterization of Five Cases and Review of the Literature. J Neuropathol Exp Neurol. 2018 Dec 1;77(12):1115-1121. doi: 10.1093/jnen/nly091. PubMed PMID: 30295777.
- 79: Henssen DJHA, Mollink J, Kurt E, van Dongen R, Bartels RHMA, Gräbel D, Kozicz T, Axer M, Van Cappellen van Walsum AM. Ex vivo visualization of the trigeminal pathways in the human brainstem using 11.7T diffusion MRI combined with microscopy polarized light imaging. Brain Struct Funct. 2018 Oct 6. doi: 10.1007/s00429-018-1767-1. [Epub ahead of print] PubMed PMID: 30293214.
- 80: Mihalea C, Escalard S, Caroff J, Ikka L, Rouchaud A, Da Ros V, Pagiola I, Marenco de la Torre JJ, Yasuda T, Popa BV, Ples H, Benachour N, Ozanne A, Moret J, Spelle L. Balloon remodeling-assisted Woven EndoBridge technique: description and feasibility for complex bifurcation aneurysms. J Neurointerv Surg. 2018 Oct 5. pii: neurintsurg-2018-014104. doi: 10.1136/neurintsurg-2018-014104. [Epub ahead of print] PubMed PMID: 30291206.
- 81: Markman J, Meske DS, Kopecky EA, Vaughn B, O'Connor ML, Passik SD. Analgesic efficacy, safety, and tolerability of a long-acting abuse-deterrent formulation of oxycodone for moderate-to-severe chronic low back pain in subjects successfully switched from immediate-release oxycodone. J Pain Res. 2018 Sep 26;11:2051-2059. doi: 10.2147/JPR.S168836. eCollection 2018. PubMed PMID: 30288095; PubMed Central PMCID: PMC6163025.
- 82: Gordon BS, Dangayach NS. Response to "Criteria for spiritual support in critical care". J Crit Care. 2018 Dec;48:472. doi: 10.1016/j.jcrc.2018.09.016. Epub 2018 Sep 21. PubMed PMID: 30287166.
- 83: Lin IC, Shin AY, Bishop AT. Dorsal Capsular Defect and Synovial Fistula to the Fourth Extensor Compartment: A Late Complication after Arthroscopic Dorsal Wrist Ganglionectomy. J Hand Surg Asian Pac Vol. 2018 Sep;23(3):404-407. doi: 10.1142/S2424835518720244. PubMed PMID: 30282537.

- 84: Rajah GB, Goodrich DJ, Rangel-Castilla L, Narayanan S. Mid A1 blister aneurysm presenting with subarachnoid hemorrhage: Case report and review. *Brain Circ.* 2018 Jan-Mar;4(1):19-23. doi: 10.4103/bc.bc_2_18. Epub 2018 Apr 18. PubMed PMID: 30276332; PubMed Central PMCID: PMC6057701.
- 85: Hills JM, Khan I, Sivaganesan A, Weisenthal B, Daryoush J, Butler M, Bydon M, Archer KR, Asher A, Devin CJ. Emergency Department Visits After Elective Spine Surgery. *Neurosurgery.* 2018 Sep 28. doi: 10.1093/neuros/nyy445. [Epub ahead of print] PubMed PMID: 30272232.
- 86: Grewal SS, Collin P, Ishak B, Iwanaga J, Amrami KK, Ringler MD, de Ruiter GCW, Spinner RJ, Tubbs RS. Innervation of the anconeus epitrochlearis muscle: MRI and cadaveric studies. *Clin Anat.* 2018 Sep 29. doi: 10.1002/ca.23285. [Epub ahead of print] PubMed PMID: 30267439.
- 87: Brat DJ, Aldape K, Colman H, Holland EC, Louis DN, Jenkins RB, Kleinschmidt-DeMasters BK, Perry A, Reifenberger G, Stupp R, von Deimling A, Weller M. cIMPACT-NOW update 3: recommended diagnostic criteria for "Diffuse astrocytic glioma, IDH-wildtype, with molecular features of glioblastoma, WHO grade IV". *Acta Neuropathol.* 2018 Nov;136(5):805-810. doi: 10.1007/s00401-018-1913-0. Epub 2018 Sep 26. PubMed PMID: 30259105; PubMed Central PMCID: PMC6204285.
- 88: Goodwin CR, Ahmed AK, Boone C, Abu-Bonsrah N, Xu R, Germscheid N, Fourney DR, Clarke M, Laufer I, Fisher CG, Bettegowda C, Sciubba DM. The Challenges of Renal Cell Carcinoma Metastatic to the Spine: A Systematic Review of Survival and Treatment. *Global Spine J.* 2018 Aug;8(5):517-526. doi: 10.1177/2192568217737777. Epub 2017 Nov 20. Review. PubMed PMID: 30258759; PubMed Central PMCID: PMC6149047.
- 89: Chughtai KA, Nemer OP, Kessler AT, Bhatt AA. Post-operative complications of craniotomy and craniectomy. *Emerg Radiol.* 2018 Sep 25. doi: 10.1007/s10140-018-1647-2. [Epub ahead of print] PubMed PMID: 30255407.
- 90: Cimbalnik J, Brinkmann B, Kremen V, Jurak P, Berry B, Gompel JV, Stead M, Worrell G. Physiological and pathological high frequency oscillations in focal epilepsy. *Ann Clin Transl Neurol.* 2018 Aug 9;5(9):1062-1076. doi: 10.1002/acn3.618. eCollection 2018 Sep. PubMed PMID: 30250863; PubMed Central PMCID: PMC6144446.
- 91: Gill ML, Grahn PJ, Calvert JS, Linde MB, Lavrov IA, Strommen JA, Beck LA, Sayenko DG, Van Straaten MG, Drubach DI, Veith DD, Thoreson AR, Lopez C, Gerasimenko YP, Edgerton VR, Lee KH, Zhao KD. Neuromodulation of lumbosacral spinal networks enables independent stepping after complete paraplegia. *Nat Med.* 2018 Nov;24(11):1677-1682. doi: 10.1038/s41591-018-0175-7. Epub 2018 Sep 24. Erratum in: *Nat Med.* 2018 Oct 23;:: PubMed PMID: 30250140.
- 92: Sivaganesan A, Zuckerman S, Khan I, Nian H, Harrell FE Jr, Pennings JS, Harbaugh R, Foley KT, Bydon M, Asher AL, Devin CJ, Archer KR. Predictive Model for Medical and Surgical Readmissions Following Elective Lumbar Spine Surgery: A National Study of 33,674 Patients. *Spine (Phila Pa 1976).* 2018 Sep 21. doi: 10.1097/BRS.0000000000002883. [Epub ahead of print] PubMed PMID: 30247371.
- 93: Deer TR, Pope JE, Lamer TJ, Grider JS, Provenzano D, Lubenow TR, FitzGerald JJ, Hunter C, Falowski S, Sayed D, Baranidharan G, Patel NK, Davis T, Green A, Pajuelo A, Epstein LJ, Harned M, Liem L, Christo PJ, Chakravarthy K, Gilmore C, Huygen F, Lee E, Metha P, Nijhuis H, Patterson DG, Petersen E, Pilitsis JG, Rowe JJ, Rupert MP, Skaribas I, Sweet J, Verrills P, Wilson D, Levy RM, Mekhail N. The Neuromodulation Appropriateness Consensus Committee on Best Practices for Dorsal Root Ganglion Stimulation. *Neuromodulation.* 2019 Jan;22(1):1-35. doi: 10.1111/ner.12845. Epub 2018 Sep 24.

Review. PubMed PMID: 30246899.

94: Golestanirad L, Kirsch J, Bonmassar G, Downs S, Elahi B, Martin A, Iacono MI, Angelone LM, Keil B, Wald LL, Pilitsis J. RF-induced heating in tissue near bilateral DBS implants during MRI at 1.5 T and 3T: The role of surgical lead management. *Neuroimage*. 2019 Jan 1;184:566-576. doi: 10.1016/j.neuroimage.2018.09.034. Epub 2018 Sep 19. PubMed PMID: 30243973.

95: Markman J, Resnick M, Greenberg S, Katz N, Yang R, Scavone J, Whalen E, Gregorian G, Parsons B, Knapp L. Efficacy of pregabalin in post-traumatic peripheral neuropathic pain: a randomized, double-blind, placebo-controlled phase 3 trial. *J Neurol*. 2018 Dec;265(12):2815-2824. doi: 10.1007/s00415-018-9063-9. Epub 2018 Sep 21. PubMed PMID: 30242745; PubMed Central PMCID: PMC6244661.

96: Lu VM, Goyal A, Grafeo CS, Perry A, Jonker BP, Link MJ. Glossopharyngeal Neuralgia Treatment Outcomes After Nerve Section, Microvascular Decompression, or Stereotactic Radiosurgery: A Systematic Review and Meta-Analysis. *World Neurosurg*. 2018 Dec;120:572-582.e7. doi: 10.1016/j.wneu.2018.09.042. Epub 2018 Sep 18. PubMed PMID: 30240868.

97: Koehler JW, Miller AD, Miller CR, Porter B, Aldape K, Beck J, Brat D, Cornax I, Corps K, Frank C, Giannini C, Horbinski C, Huse JT, O'Sullivan MG, Rissi DR, Mark Simpson R, Woolard K, Shih JH, Mazcko C, Gilbert MR, LeBlanc AK. A Revised Diagnostic Classification of Canine Glioma: Towards Validation of the Canine Glioma Patient as a Naturally Occurring Preclinical Model for Human Glioma. *J Neuropathol Exp Neurol*. 2018 Nov 1;77(11):1039-1054. doi: 10.1093/jnen/nly085. PubMed PMID: 30239918; PubMed Central PMCID: PMC6181180.

98: Oliva CR, Halloran B, Hjelmeland AB, Vazquez A, Bailey SM, Sarkaria JN, Griguer CE. IGFBP6 controls the expansion of chemoresistant glioblastoma through paracrine IGF2/IGF-1R signaling. *Cell Commun Signal*. 2018 Sep 19;16(1):61. doi: 10.1186/s12964-018-0273-7. PubMed PMID: 30231881; PubMed Central PMCID: PMC6148802.

99: Galanis E, Nassiri F, Coy S, Nejad R, Zadeh G, Santagata S. Integrating Genomics Into Neuro-Oncology Clinical Trials and Practice. *Am Soc Clin Oncol Educ Book*. 2018 May 23;(38):148-157. doi: 10.1200/EDBK_200989. Review. PubMed PMID: 30231374.

100: Mitchell KT, Larson P, Starr PA, Okun MS, Wharen RE Jr, Uitti RJ, Guthrie BL, Peichel D, Pahwa R, Walker HC, Foote K, Marshall FJ, Jankovic J, Simpson R, Phibbs F, Neimat JS, Stewart RM, Dashtipour K, Ostrem JL. Benefits and risks of unilateral and bilateral ventral intermediate nucleus deep brain stimulation for axial essential tremor symptoms. *Parkinsonism Relat Disord*. 2018 Sep 6. pii: S1353-8020(18)30389-4. doi: 10.1016/j.parkreldis.2018.09.004. [Epub ahead of print] PubMed PMID: 30220556.

101: Waldman ZJ, Camarillo-Rodriguez L, Chervenova I, Berry B, Shimamoto S, Elahian B, Kucewicz M, Ganne C, He XS, Davis LA, Stein J, Das S, Gorniak R, Sharan AD, Gross R, Inman CS, Lega BC, Zaghloul K, Jobst BC, Davis KA, Wanda P, Khadjevand M, Tracy J, Rizzuto DS, Worrell G, Sperling M, Weiss SA. Ripple oscillations in the left temporal neocortex are associated with impaired verbal episodic memory encoding. *Epilepsy Behav*. 2018 Nov;88:33-40. doi: 10.1016/j.yebeh.2018.08.018. Epub 2018 Sep 11. PubMed PMID: 30216929; PubMed Central PMCID: PMC6240385.

102: Yu P, Venkat P, Chopp M, Zacharek A, Shen Y, Ning R, Liang L, Li W, Zhang L, Landschoot-Ward J, Jiang R, Chen J. Role of microRNA-126 in vascular cognitive impairment in mice. *J Cereb Blood Flow Metab*. 2018 Sep 14;271678×18800593. doi: 10.1177/0271678×18800593. [Epub ahead of print] PubMed PMID: 30215264.

- 103: Murguia-Fuentes R, Husein N, Vega A, Rangel-Castilla L, Rotta JM, Quinones-Hinojosa A, Guinto G, Esquenazi Y. Neurosurgical Residency Training in Latin America: Current Status, Challenges, and Future Opportunities. *World Neurosurg.* 2018 Dec;120:e1079-e1097. doi: 10.1016/j.wneu.2018.08.232. Epub 2018 Sep 11. PubMed PMID: 30213681.
- 104: Ancona-Lezama D, Dalvin LA, Lucio-Alvarez JA, Jabbour P, Shields CL. OPHTHALMIC VASCULAR EVENTS AFTER INTRA-ARTERIAL CHEMOTHERAPY FOR RETINOBLASTOMA: Real-World Comparison Between Primary and Secondary Treatments. *Retina.* 2018 Sep 7. doi: 10.1097/IAE.0000000000002315. [Epub ahead of print] PubMed PMID: 30204728.
- 105: Sweeney AD, O'Connell BP, Patel NS, Tombers NM, Wanna GB, Lane JL, Carlson ML. Superior Canal Dehiscence Involving the Superior Petrosal Sinus: A Novel Classification Scheme. *Otol Neurotol.* 2018 Oct;39(9):e849-e855. doi: 10.1097/MAO.0000000000001965. PubMed PMID: 30199501.
- 106: Berg P, Voß S, Saalfeld S, Janiga G, Bergersen AW, Valen-Sendstad K, Bruening J, Goubergrits L, Spuler A, Cancelliere NM, Steinman DA, Pereira VM, Chiu TL, Tsang ACO, Chung BJ, Cebral JR, Cito S, Pallarès J, Copelli G, Csippa B, Paál G, Fujimura S, Takao H, Hodis S, Hille G, Karmonik C, Elias S, Kellermann K, Khan MO, Marsden AL, Morales HG, Piskin S, Finol EA, Pravdivtseva M, Rajabzadeh-Oghaz H, Paliwal N, Meng H, Seshadri S, Howard M, Shojima M, Sugiyama SI, Niizuma K, Sindeev S, Frolov S, Wagner T, Brawanski A, Qian Y, Wu YA, Carlson KD, Dragomir-Daescu D, Beuing O. Multiple Aneurysms AnaTomy CHallenge 2018 (MATCH): Phase I: Segmentation. *Cardiovasc Eng Technol.* 2018 Dec;9(4):565-581. doi: 10.1007/s13239-018-00376-0. Epub 2018 Sep 6. PubMed PMID: 30191538.
- 107: Auvin S, Wirrell E, Donald KA, Berl M, Hartmann H, Valente KD, Van Bogaert P, Cross JH, Osawa M, Kanemura H, Aihara M, Guerreiro MM, Samia P, Vinayan KP, Smith ML, Carmant L, Kerr M, Hermann B, Dunn D, Wilmshurst JM. Systematic review of the screening, diagnosis, and management of ADHD in children with epilepsy. Consensus paper of the Task Force on Comorbidities of the ILAE Pediatric Commission. *Epilepsia.* 2018 Oct;59(10):1867-1880. doi: 10.1111/epi.14549. Epub 2018 Sep 3. PubMed PMID: 30178479.
- 108: Rossi S, Brenca M, Zanatta L, Trincia E, Guerriero A, Pizzato C, Fiorindi A, Viscardi E, Giangaspero F, Maestro R, Dei Tos AP, Giannini C. A Pediatric Intra-Axial Malignant SMARCB1-Deficient Desmoplastic Tumor Arising in Meningioangiomatosis. *J Neuropathol Exp Neurol.* 2018 Oct 1;77(10):883-889. doi: 10.1093/jnen/nly075. PubMed PMID: 30169623.
- 109: Garcea FE, Almeida J, Sims MH, Nunno A, Meyers SP, Li YM, Walter K, Pilcher WH, Mahon BZ. Domain-Specific Diaschisis: Lesions to Parietal Action Areas Modulate Neural Responses to Tools in the Ventral Stream. *Cereb Cortex.* 2018 Aug 28. doi: 10.1093/cercor/bhy183. [Epub ahead of print] PubMed PMID: 30169596.
- 110: Chung BJ, Mut F, Putman CM, Hamzei-Sichani F, Brinjikji W, Kallmes D, Jimenez CM, Cebral JR. Identification of Hostile Hemodynamics and Geometries of Cerebral Aneurysms: A Case-Control Study. *AJNR Am J Neuroradiol.* 2018 Oct;39(10):1860-1866. doi: 10.3174/ajnr.A5764. Epub 2018 Aug 30. PubMed PMID: 30166431; PubMed Central PMCID: PMC6177283.
- 111: Byun JS, Tsang ACO, Hilditch CA, Nicholson P, Fang YB, Krings T, Pereira VM, Lanzino G, Brinjikji W. Presentation and outcomes of patients with thoracic and lumbosacral spinal epidural arteriovenous fistulas: a systematic review and meta-analysis. *J Neurointerv Surg.* 2019 Jan;11(1):95-98. doi: 10.1136/neurintsurg-2018-014203. Epub 2018 Aug 30. Review. PubMed PMID: 30166334.
- 112: Sivaganesan A, Devin CJ, Khan I, Kerezoudis P, Nian H, Harrell FE Jr, Bydon M, Asher AL. Is Length of Stay Influenced by the Weekday On Which Lumbar Surgery is Performed? *Neurosurgery.* 2018 Aug

24. doi: 10.1093/neuros/nyy382. [Epub ahead of print] PubMed PMID: 30165453.

113: Ferlisi M, Hocker S, Trinka E, Shorvon S; International Steering Committee of the StEp Audit. Etiologies and characteristics of refractory status epilepticus cases in different areas of the world: Results from a global audit. *Epilepsia*. 2018 Oct;59 Suppl 2:100-107. doi: 10.1111/epi.14496. Epub 2018 Aug 29. PubMed PMID: 30159876.

114: Ostrom QT, Kinnersley B, Armstrong G, Rice T, Chen Y, Wiencke JK, McCoy LS, Hansen HM, Amos CI, Bernstein JL, Claus EB, Eckel-Passow JE, Il'yasova D, Johansen C, Lachance DH, Lai RK, Merrell RT, Olson SH, Sadetzki S, Schildkraut JM, Shete S, Rubin JB, Andersson U, Rajaraman P, Chanock SJ, Linet MS, Wang Z, Yeager M; GliomaScan consortium, Houlston RS, Jenkins RB, Wrensch MR, Melin B, Bondy ML, Barnholtz-Sloan JS. Age-specific genome-wide association study in glioblastoma identifies increased proportion of 'lower grade glioma'-like features associated with younger age. *Int J Cancer*. 2018 Nov 15;143(10):2359-2366. doi: 10.1002/ijc.31759. Epub 2018 Sep 19. PubMed PMID: 30152087; PubMed Central PMCID: PMC6205887.

115: Huang RY, Bi WL, Weller M, Kaley T, Blakeley J, Dunn I, Galanis E, Preusser M, McDermott M, Rogers L, Raizer J, Schiff D, Soffietti R, Tonn JC, Vogelbaum M, Weber D, Reardon DA, Wen PY. Proposed response assessment and endpoints for meningioma clinical trials: report from the Response Assessment in Neuro-Oncology Working Group. *Neuro Oncol*. 2019 Jan 1;21(1):26-36. doi: 10.1093/neuonc/noy137. PubMed PMID: 30137421; PubMed Central PMCID: PMC6303427.

116: Ostrom QT, Coleman W, Huang W, Rubin JB, Lathia JD, Berens ME, Speyer G, Liao P, Wrensch MR, Eckel-Passow JE, Armstrong G, Rice T, Wiencke JK, McCoy LS, Hansen HM, Amos CI, Bernstein JL, Claus EB, Houlston RS, Il'yasova D, Jenkins RB, Johansen C, Lachance DH, Lai RK, Merrell RT, Olson SH, Sadetzki S, Schildkraut JM, Shete S, Andersson U, Rajaraman P, Chanock SJ, Linet MS, Wang Z, Yeager M; GliomaScan consortium, Melin B, Bondy ML, Barnholtz-Sloan JS. Sex-specific gene and pathway modeling of inherited glioma risk. *Neuro Oncol*. 2019 Jan 1;21(1):71-82. doi: 10.1093/neuonc/noy135. PubMed PMID: 30124908; PubMed Central PMCID: PMC6303471.

117: Al-Shahi Salman R, Frantzias J, Lee RJ, Lyden PD, Battey TWK, Ayres AM, Goldstein JN, Mayer SA, Steiner T, Wang X, Arima H, Hasegawa H, Oishi M, Godoy DA, Masotti L, Dowlatshahi D, Rodriguez-Luna D, Molina CA, Jang DK, Davalos A, Castillo J, Yao X, Claassen J, Volbers B, Kazui S, Okada Y, Fujimoto S, Toyoda K, Li Q, Khouri J, Delgado P, Sabín JA, Hernández-Guillamon M, Prats-Sánchez L, Cai C, Kate MP, McCourt R, Venkatasubramanian C, Diringer MN, Ikeda Y, Worthmann H, Ziai WC, d'Esterre CD, Aviv RI, Raab P, Murai Y, Zazulia AR, Butcher KS, Seyedsaadat SM, Grotta JC, Martí-Fàbregas J, Montaner J, Broderick J, Yamamoto H, Staykov D, Connolly ES, Selim M, Leira R, Moon BH, Demchuk AM, Di Napoli M, Fujii Y, Anderson CS, Rosand J; VISTA-ICH Collaboration; ICH Growth Individual Patient Data Meta-analysis Collaborators. Absolute risk and predictors of the growth of acute spontaneous intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. *Lancet Neurol*. 2018 Oct;17(10):885-894. doi: 10.1016/S1474-4422(18)30253-9. Epub 2018 Aug 14. Erratum in: *Lancet Neurol*. 2018 Sep 19;:. PubMed PMID: 30120039; PubMed Central PMCID: PMC6143589.

118: Kananen J, Tuovinen T, Ansakorpi H, Rytky S, Helakari H, Huotari N, Raitamaa L, Raatikainen V, Rasila A, Borchardt V, Korhonen V, LeVan P, Nedergaard M, Kiviniemi V. Altered physiological brain variation in drug-resistant epilepsy. *Brain Behav*. 2018 Sep;8(9):e01090. doi: 10.1002/brb3.1090. Epub 2018 Aug 15. PubMed PMID: 30112813; PubMed Central PMCID: PMC6160661.

119: Ghia AJ, Guha-Thakurta N, Hess K, Yang JN, Settle SH, Sharpe HJ, Li J, McAleer M, Chang EL, Tatsui CE, Brown PD, Rhines LD. Phase 1 study of spinal cord constraint relaxation with single session spine stereotactic radiosurgery in the primary management of patients with inoperable, previously

unirradiated metastatic epidural spinal cord compression. *Int J Radiat Oncol Biol Phys.* 2018 Aug 9. pii: S0360-3016(18)33524-7. doi: 10.1016/j.ijrobp.2018.07.2023. [Epub ahead of print] PubMed PMID: 30099131.

120: Hollenberg AM, Baldwin AL, Mesfin A, Silberstein H. Rupture of Giant Anterior Sacral Meningocele in a Patient with Marfan Syndrome: Diagnosis and Management. *World Neurosurg.* 2018 Nov;119:137-141. doi: 10.1016/j.wneu.2018.07.249. Epub 2018 Aug 6. PubMed PMID: 30092475.

121: Jun HJ, Appleman VA, Wu HJ, Rose CM, Pineda JJ, Yeo AT, Delcuze B, Lee C, Gyuris A, Zhu H, Woolfenden S, Bronisz A, Nakano I, Chiocca EA, Bronson RT, Ligon KL, Sarkaria JN, Gygi SP, Michor F, Mitchison TJ, Charest A. A PDGFR α -driven mouse model of glioblastoma reveals a stathmin1-mediated mechanism of sensitivity to vinblastine. *Nat Commun.* 2018 Aug 6;9(1):3116. doi: 10.1038/s41467-018-05036-4. PubMed PMID: 30082792; PubMed Central PMCID: PMC6078993.

122: Weiss SA, Berry B, Chervoneva I, Waldman Z, Guba J, Bower M, Kucewicz M, Brinkmann B, Kremen V, Khadjevand F, Varatharajah Y, Guragain H, Sharan A, Wu C, Staba R, Engel J Jr, Sperling M, Worrell G. Visually validated semi-automatic high-frequency oscillation detection aides the delineation of epileptogenic regions during intra-operative electrocorticography. *Clin Neurophysiol.* 2018 Oct;129(10):2089-2098. doi: 10.1016/j.clinph.2018.06.030. Epub 2018 Jul 20. PubMed PMID: 30077870.

123: Puffer RC, Yue JK, Mesley M, Billigen JB, Sharpless J, Fetwick AL, Puccio A, Diaz-Arrastia R, Okonkwo DO. Long-term outcome in traumatic brain injury patients with midline shift: a secondary analysis of the Phase 3 COBRIT clinical trial. *J Neurosurg.* 2018 Jul 1:1-8. doi: 10.3171/2018.2.JNS173138. [Epub ahead of print] PubMed PMID: 30074459.

124: Spinner RJ, Dallon AL. Emanuel B. Kaplan, M.D. (1894-1980): A Legendary Anatomist and Hand Surgeon. *Clin Anat.* 2018 Nov;31(8):1104-1108. doi: 10.1002/ca.23245. Epub 2018 Nov 8. PubMed PMID: 30069977.

125: Mahmoudi F, Elisevich K, Bagher-Ebadian H, Nazem-Zadeh MR, Davoodi-Bojd E, Schwalb JM, Kaur M, Soltanian-Zadeh H. Data mining MR image features of select structures for lateralization of mesial temporal lobe epilepsy. *PLoS One.* 2018 Aug 1;13(8):e0199137. doi: 10.1371/journal.pone.0199137. eCollection 2018. Erratum in: *PLoS One.* 2018 Dec 20;13(12):e0209866. PubMed PMID: 30067753; PubMed Central PMCID: PMC6070173.

126: Rajah G, Saber H, Singh R, Rangel-Castilla L. Endovascular delivery of leads and stentrodes and their applications to deep brain stimulation and neuromodulation: a review. *Neurosurg Focus.* 2018 Aug;45(2):E19. doi: 10.3171/2018.4.FOCUS18130. PubMed PMID: 30064310.

127: Rangel-Castilla L, Siddiqui AH. Azygous Anterior Cerebral Artery Acute Occlusion Managed With Endovascular Mechanical Thrombectomy: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown).* 2018 Jul 27. doi: 10.1093/ons/opy183. [Epub ahead of print] PubMed PMID: 30060127.

128: Rangel-Castilla L, Siddiqui AH. Nuances of Endovascular Treatment of Transverse/Sigmoid Sinus Stenosis With Stenting Venoplasty in a Patient With Pseudotumor Cerebri: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown).* 2018 Jul 30. doi: 10.1093/ons/opy174. [Epub ahead of print] PubMed PMID: 30060093.

129: Chen JJ, Flanagan EP, Jitprapaikulsan J, López-Chiriboga ASS, Fryer JP, Leavitt JA, Weinshenker BG, McKeon A, Tillema JM, Lennon VA, Tobin WO, Keegan BM, Lucchinetti CF, Kantarci OH, McClelland CM, Lee MS, Bennett JL, Pelak VS, Chen Y, VanStavern G, Adesina OO, Eggenberger ER, Acierno MD, Wingerchuk DM, Brazis PW, Sagen J, Pittock SJ. Myelin Oligodendrocyte Glycoprotein Antibody-Positive

Optic Neuritis: Clinical Characteristics, Radiologic Clues, and Outcome. *Am J Ophthalmol.* 2018 Nov;195:8-15. doi: 10.1016/j.ajo.2018.07.020. Epub 2018 Jul 26. PubMed PMID: 30055153.

130: Chen X, Zhang M, Gan H, Wang H, Lee JH, Fang D, Kitange GJ, He L, Hu Z, Parney IF, Meyer FB, Giannini C, Sarkaria JN, Zhang Z. A novel enhancer regulates MGMT expression and promotes temozolomide resistance in glioblastoma. *Nat Commun.* 2018 Jul 27;9(1):2949. doi: 10.1038/s41467-018-05373-4. PubMed PMID: 30054476; PubMed Central PMCID: PMC6063898.

131: Bazarian JJ, Biberthaler P, Welch RD, Lewis LM, Barzo P, Bogner-Flatz V, Gunnar Brolinson P, Büki A, Chen JY, Christenson RH, Hack D, Huff JS, Johar S, Jordan JD, Leidel BA, Lindner T, Ludington E, Okonkwo DO, Ornato J, Peacock WF, Schmidt K, Tyndall JA, Vossough A, Jagoda AS. Serum GFAP and UCH-L1 for prediction of absence of intracranial injuries on head CT (ALERT-TBI): a multicentre observational study. *Lancet Neurol.* 2018 Sep;17(9):782-789. doi: 10.1016/S1474-4422(18)30231-X. Epub 2018 Jul 24. PubMed PMID: 30054151.

132: Hunter JB, Dowling EM, Lohse CM, O'Connell BP, Tombers NM, Lees KA, Thompson RS, Haynes DS, Carlson ML. Hearing Outcomes in Conservatively Managed Vestibular Schwannoma Patients With Serviceable Hearing. *Otol Neurotol.* 2018 Sep;39(8):e704-e711. doi: 10.1097/MAO.0000000000001914. PubMed PMID: 30036205.

133: Sandwell S, Montoya S, Towner JE, Markman JD, Schell MC, Bhalla T. Anatomical Study of Percutaneous Trigeminal Compressive Balloon Positioning on Merged 3-D Rotational X-Ray and Preprocedural Magnetic Resonance Imaging. *Stereotact Funct Neurosurg.* 2018;96(3):182-189. doi: 10.1159/000489947. Epub 2018 Jul 20. PubMed PMID: 30032150.

134: Enniss TM, Basiouny K, Brewer B, Bugaev N, Cheng J, Danner OK, Duncan T, Foster S, Hawryluk G, Jung HS, Lui F, Rattan R, Violano P, Crandall M. Primary prevention of contact sports-related concussions in amateur athletes: a systematic review from the Eastern Association for the Surgery of Trauma. *Trauma Surg Acute Care Open.* 2018 Jun 20;3(1):e000153. doi: 10.1136/tsaco-2017-000153. eCollection 2018. PubMed PMID: 30023433; PubMed Central PMCID: PMC6018851.

135: Cavalli FMG, Hübner JM, Sharma T, Luu B, Sill M, Zapotocky M, Mack SC, Witt H, Lin T, Shih DJH, Ho B, Santi M, Emery L, Hukin J, Dunham C, McLendon RE, Lipp ES, Gururangan S, Grossbach A, French P, Kros JM, van Veelen MC, Rao AAN, Giannini C, Leary S, Jung S, Faria CC, Mora J, Schüller U, Alonso MM, Chan JA, Klekner A, Chambless LB, Hwang EI, Massimino M, Eberhart CG, Karajannis MA, Lu B, Liau LM, Zollo M, Ferrucci V, Carlotti C, Tirapelli DPC, Tabori U, Bouffet E, Ryzhova M, Ellison DW, Merchant TE, Gilbert MR, Armstrong TS, Korshunov A, Pfister SM, Taylor MD, Aldape K, Pajtler KW, Kool M, Ramaswamy V. Heterogeneity within the PF-EPN-B ependymoma subgroup. *Acta Neuropathol.* 2018 Aug;136(2):227-237. doi: 10.1007/s00401-018-1888-x. Epub 2018 Jul 17. PubMed PMID: 30019219.

136: Zhang Y, Chopp M, Rex CS, Simmon VF, Sarraf ST, Zhang ZG, Mahmood A, Xiong Y. A Small Molecule Spinogenic Compound Enhances Functional Outcome and Dendritic Spine Plasticity in a Rat Model of Traumatic Brain Injury. *J Neurotrauma.* 2018 Sep 6. doi: 10.1089/neu.2018.5790. [Epub ahead of print] PubMed PMID: 30014757.

137: Jian X, Satizabal CL, Smith AV, Wittfeld K, Bis JC, Smith JA, Hsu FC, Nho K, Hofer E, Hagenaars SP, Nyquist PA, Mishra A, Adams HHH, Li S, Teumer A, Zhao W, Freedman BI, Saba Y, Yanek LR, Chauhan G, van Buchem MA, Cushman M, Royle NA, Bryan RN, Niessen WJ, Windham BG, DeStefano AL, Habes M, Heckbert SR, Palmer ND, Lewis CE, Eiriksdottir G, Maillard P, Mathias RA, Homuth G, Valdés-Hernández MDC, Divers J, Beiser AS, Langner S, Rice KM, Bastin ME, Yang Q, Maldjian JA, Starr JM, Sidney S, Risacher SL, Uitterlinden AG, Gudnason VG, Nauck M, Rotter JI, Schreiner PJ, Boerwinkle E,

van Duijn CM, Mazoyer B, von Sarnowski B, Gottesman RF, Levy D, Sigurdsson S, Vernooij MW, Turner ST, Schmidt R, Wardlaw JM, Psaty BM, Mosley TH, DeCarli CS, Saykin AJ, Bowden DW, Becker DM, Deary IJ, Schmidt H, Kardia SLR, Ikram MA, Debette S, Grabe HJ, Longstreth WT Jr, Seshadri S, Launer LJ, Fornage M; neuroCHARGE Working Group. Exome Chip Analysis Identifies Low-Frequency and Rare Variants in MRPL38 for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. *Stroke.* 2018 Aug;49(8):1812-1819. doi: 10.1161/STROKEAHA.118.020689. PubMed PMID: 30002152; PubMed Central PMCID: PMC6202149.

138: Goyal A, Cajigas I, Ibrahim GM, Brathwaite CD, Khatib Z, Niazi T, Bhatia S, Ragheb J. Surgical Treatment of Intramedullary Spinal Metastasis in Medulloblastoma: Case Report and Review of the Literature. *World Neurosurg.* 2018 Oct;118:42-46. doi: 10.1016/j.wneu.2018.06.250. Epub 2018 Jul 7. Review. PubMed PMID: 29990605.

139: Yu T, Wang X, Li Y, Zhang G, Worrell G, Chauvel P, Ni D, Qiao L, Liu C, Li L, Ren L, Wang Y. High-frequency stimulation of anterior nucleus of thalamus desynchronizes epileptic network in humans. *Brain.* 2018 Sep 1;141(9):2631-2643. doi: 10.1093/brain/awy187. PubMed PMID: 29985998.

140: Texakalidis P, Lu VM, Yolcu Y, Kerezoudis P, Alvi MA, Parney IF, Fogelson JL, Bydon M. Impact of Powdered Vancomycin on Preventing Surgical Site Infections in Neurosurgery: A Systematic Review and Meta-analysis. *Neurosurgery.* 2018 Jul 3. doi: 10.1093/neuros/nyy288. [Epub ahead of print] PubMed PMID: 29982615.

141: Nunno A, Johnson MD, Wu G, Li YM. Metastatic prostate cancer mimicking a subdural hematoma: A case report and literature review. *J Clin Neurosci.* 2018 Sep;55:109-112. doi: 10.1016/j.jocn.2018.06.035. Epub 2018 Jul 4. Review. PubMed PMID: 29980476.

142: Linzey JR, Graffeo CS, Wang JZ, Haider AS, Alotaibi NM. Neurosurgery and the rise of academic social media: what neurosurgeons should know. *J Neurosurg.* 2018 Oct;129(4):1-5. doi: 10.3171/2018.2.JNS172817. Epub 2018 Jul 6. PubMed PMID: 29979122.

143: Sievers P, Stichel D, Schrimpf D, Sahm F, Koelsche C, Reuss DE, Wefers AK, Reinhardt A, Huang K, Ebrahimi A, Hou Y, Pajtler KW, Pfister SM, Hasselblatt M, Stummer W, Schick U, Hartmann C, Hagel C, Staszewski O, Reifenberger G, Beschorner R, Coras R, Keyvani K, Kohlhof P, Diomedi-Camassei F, Herold-Mende C, Giangaspero F, Rushing E, Giannini C, Korshunov A, Jones DTW, von Deimling A. FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. *Acta Neuropathol.* 2018 Aug;136(2):293-302. doi: 10.1007/s00401-018-1882-3. Epub 2018 Jul 5. PubMed PMID: 29978331.

144: Kirkpatrick JP, Laack NN, Halasz LM, Minniti G, Chan MD. Proton Therapy for Brain Metastases: A Question of Value. *Int J Radiat Oncol Biol Phys.* 2018 Jul 15;101(4):830-832. doi: 10.1016/j.ijrobp.2018.05.005. Epub 2018 Jun 20. PubMed PMID: 29976495.

145: McDonald JS, Steckler EM, McDonald RJ, Katzberg RW, Williamson EE, Cernigliaro JG, Hamadah AM, Gharaibeh K, Kallmes DF, Leung N. Bilateral Sustained Nephrograms After Parenteral Administration of Iodinated Contrast Material: A Potential Biomarker for Acute Kidney Injury, Dialysis, and Mortality. *Mayo Clin Proc.* 2018 Jul;93(7):867-876. doi: 10.1016/j.mayocp.2018.02.023. PubMed PMID: 29976375.

146: Nater A, Tetreault LA, Kopjar B, Arnold PM, Dekutoski MB, Finkelstein JA, Fisher CG, France JC, Gokaslan ZL, Rhines LD, Rose PS, Sahgal A, Schuster JM, Vaccaro AR, Fehlings MG. Predictive factors of survival in a surgical series of metastatic epidural spinal cord compression and complete external validation of 8 multivariate models of survival in a prospective North American multicenter study.

Cancer. 2018 Sep 1;124(17):3536-3550. doi: 10.1002/cncr.31585. Epub 2018 Jul 5. PubMed PMID: 29975401.

147: Palsgrove DN, Brosnan-Cashman JA, Giannini C, Raghunathan A, Jentoft M, Bettegowda C, Gokden M, Lin D, Yuan M, Lin MT, Heaphy CM, Rodriguez FJ. Subependymal giant cell astrocytoma-like astrocytoma: a neoplasm with a distinct phenotype and frequent neurofibromatosis type-1-association. Mod Pathol. 2018 Dec;31(12):1787-1800. doi: 10.1038/s41379-018-0103-x. Epub 2018 Jul 4. PubMed PMID: 29973652; PubMed Central PMCID: PMC6269209.

148: Milano MT, Mihai A, Kong FS. Review of thoracic reirradiation with stereotactic body radiation therapy: A focus on toxicity risks. Pract Radiat Oncol. 2018 Jul - Aug;8(4):251-265. doi: 10.1016/j.prro.2018.01.008. Review. PubMed PMID: 29960624.

149: Shirani A, Wu GF, Giannini C, Cross AH. A case of oligodendrogloma and multiple sclerosis: Occam's razor or Hickam's dictum? BMJ Case Rep. 2018 Jun 28;2018. pii: bcr-2018-225318. doi: 10.1136/bcr-2018-225318. PubMed PMID: 29954769.

150: Fang D, Gan H, Cheng L, Lee JH, Zhou H, Sarkaria JN, Daniels DJ, Zhang Z. H3.3K27M mutant proteins reprogram epigenome by sequestering the PRC2 complex to poised enhancers. eLife. 2018 Jun 22;7. pii: e36696. doi: 10.7554/eLife.36696. PubMed PMID: 29932419; PubMed Central PMCID: PMC6033537.

151: Miller J, Watrous AJ, Tsitsiklis M, Lee SA, Sheth SA, Schevon CA, Smith EH, Sperling MR, Sharan A, Asadi-Pooya AA, Worrell GA, Meisenhelter S, Inman CS, Davis KA, Lega B, Wanda PA, Das SR, Stein JM, Gorniak R, Jacobs J. Lateralized hippocampal oscillations underlie distinct aspects of human spatial memory and navigation. Nat Commun. 2018 Jun 21;9(1):2423. doi: 10.1038/s41467-018-04847-9. PubMed PMID: 29930307; PubMed Central PMCID: PMC6013427.

152: Wu AM, Zhang K, Li XL, Cheng XF, Zhou TJ, Du L, Chen C, Tian HJ, Sun XJ, Zhao CQ, Li YM, Zhao J. The compression of L5 nerve root, single or double sites?-radiographic graded signs, intra-operative detect technique and clinical outcomes. Quant Imaging Med Surg. 2018 May;8(4):383-390. doi: 10.21037/qims.2018.05.08. PubMed PMID: 29928603; PubMed Central PMCID: PMC5989090.

153: Wells E, Hacohen Y, Waldman A, Tillema JM, Soldatos A, Ances B, Benseler S, Bielekova B, Dale RC, Dalmau J, Gaillard W, Gorman M, Greenberg B, Hyslop A, Pardo CA, Tasker RC, Yeh EA, Bar-Or A, Pittock S, Vanderver A, Banwell B; attendees of the International Neuroimmune Meeting. Neuroimmune disorders of the central nervous system in children in the molecular era. Nat Rev Neurol. 2018 Jul;14(7):433-445. doi: 10.1038/s41582-018-0024-9. Review. Erratum in: Nat Rev Neurol. 2018 Dec;14(12):749. PubMed PMID: 29925924.

154: Tolcher MC, Shazly SA, Shamshirsaz AA, Whitehead WE, Espinoza J, Vidaeff AC, Belfort MA, Nassr AA. Neurological outcomes by mode of delivery for fetuses with open neural tube defects: a systematic review and meta-analysis. BJOG. 2019 Feb;126(3):322-327. doi: 10.1111/1471-0528.15342. Epub 2018 Jul 18. Review. PubMed PMID: 29924919.

155: Detmer FJ, Chung BJ, Mut F, Pritz M, Slawski M, Hamzei-Sichani F, Kallmes D, Putman C, Jimenez C, Cebral JR. Development of a statistical model for discrimination of rupture status in posterior communicating artery aneurysms. Acta Neurochir (Wien). 2018 Jun 20. doi: 10.1007/s00701-018-3595-8. [Epub ahead of print] PubMed PMID: 29922867; PubMed Central PMCID: PMC6309378.

156: Dalvin LA, Ancona-Lezama D, Lucio-Alvarez JA, Masoomian B, Jabbour P, Shields CL. Ophthalmic Vascular Events after Primary Unilateral Intra-arterial Chemotherapy for Retinoblastoma in Early and

Recent Eras. Ophthalmology. 2018 Nov;125(11):1803-1811. doi: 10.1016/j.ophtha.2018.05.013. Epub 2018 Jun 18. Erratum in: Ophthalmology. 2019 Jan;126(1):176-177. PubMed PMID: 29921454.

157: Petr J, Mutsaerts HJMM, De Vita E, Steketee RME, Smits M, Nederveen AJ, Hofheinz F, van den Hoff J, Asllani I. Effects of systematic partial volume errors on the estimation of gray matter cerebral blood flow with arterial spin labeling MRI. MAGMA. 2018 Jun 18. doi: 10.1007/s10334-018-0691-y. [Epub ahead of print] PubMed PMID: 29916058.

158: Dutta SW, Peterson JL, Vallow LA, Mahajan A, Rosenfeld SS, Quiñones-Hinojosa A, Trifiletti DM. National care among patients with WHO grade I intracranial meningioma. J Clin Neurosci. 2018 Sep;55:17-24. doi: 10.1016/j.jocn.2018.06.026. Epub 2018 Jun 15. PubMed PMID: 29910033.

159: Kallmes DF, Hirsch JA, Siddiqui AH. Let's -ectomize thrombectomy, shall we? J Neurointerv Surg. 2018 Nov;10(11):1031-1032. doi: 10.1136/neurintsurg-2018-014102. Epub 2018 Jun 15. PubMed PMID: 29907574.

160: Reinbold CS, Forstner AJ, Hecker J, Fullerton JM, Hoffmann P, Hou L, Heilbronner U, Degenhardt F, Adli M, Akiyama K, Akula N, Arda R, Arias B, Backlund L, Benabarre A, Bengesser S, Bhattacharjee AK, Biernacka JM, Birner A, Marie-Claire C, Cervantes P, Chen GB, Chen HC, Chillotti C, Clark SR, Colom F, Cousins DA, Cruceanu C, Czerski PM, Dayer A, Étaine B, Falkai P, Frisén L, Gard S, Garnham JS, Goes FS, Grof P, Gruber O, Hashimoto R, Hauser J, Herms S, Jamain S, Jiménez E, Kahn JP, Kassem L, Kittel-Schneider S, Kliwicki S, König B, Kusumi I, Lackner N, Laje G, Landén M, Lavebratt C, Leboyer M, Leckband SG, López Jaramillo CA, MacQueen G, Manchia M, Martinsson L, Mattheisen M, McCarthy MJ, McElroy SL, Mitjans M, Mondimore FM, Monteleone P, Nievergelt CM, Ösby U, Ozaki N, Perlis RH, Pfennig A, Reich-Erkelenz D, Rouleau GA, Schofield PR, Schubert KO, Schweizer BW, Seemüller F, Severino G, Shekhtman T, Shilling PD, Shimoda K, Simhandl C, Slaney CM, Smoller JW, Squassina A, Stamm TJ, Stopkova P, Tighe SK, Tortorella A, Turecki G, Volkert J, Witt SH, Wright AJ, Young LT, Zandi PP, Potash JB, DePaulo JR, Bauer M, Reininghaus E, Novák T, Aubry JM, Maj M, Baune BT, Mitchell PB, Vieta E, Frye MA, Rybakowski JK, Kuo PH, Kato T, Grigoroiu-Serbanescu M, Reif A, Del Zompo M, Bellivier F, Schalling M, Wray NR, Kelsoe JR, Alda M, McMahon FJ, Schulze TG, Rietschel M, Nöthen MM, Cichon S. Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. Front Psychiatry. 2018 May 31;9:207. doi: 10.3389/fpsyg.2018.00207. eCollection 2018. PubMed PMID: 29904359; PubMed Central PMCID: PMC5991073.

161: Markman JD, Baron R, Gewandter JS. Why are there no drugs indicated for sciatica, the most common chronic neuropathic syndrome of all? Drug Discov Today. 2018 Nov;23(11):1904-1909. doi: 10.1016/j.drudis.2018.06.004. Epub 2018 Jun 9. Review. PubMed PMID: 29894812.

162: Rocque BG, Agee BS, Thompson EM, Piedra M, Baird LC, Selden NR, Greene S, Deibert CP, Hankinson TC, Lew SM, Iskandar BJ, Bragg TM, Frim D, Grant G, Gupta N, Auguste KI, Nikas DC, Vassilyadi M, Muh CR, Wetjen NM, Lam SK. Complications following pediatric cranioplasty after decompressive craniectomy: a multicenter retrospective study. J Neurosurg Pediatr. 2018 Sep;22(3):225-232. doi: 10.3171/2018.3.PEDS17234. Epub 2018 Jun 8. PubMed PMID: 29882736.

163: Kallmes DF, Siddiqui AH, Ansari SA, Liebeskind DS, Zaidat OO. Aspiring to an improved aspiration literature. J Neurointerv Surg. 2018 Oct;10(10):923-924. doi: 10.1136/neurintsurg-2018-014046. Epub 2018 Jun 6. PubMed PMID: 29875275.

164: Cohen SP, Bhatia A, Buvanendran A, Schwenk ES, Wasan AD, Hurley RW, Viscusi ER, Narouze S, Davis FN, Ritchie EC, Lubenow TR, Hooten WM. Consensus Guidelines on the Use of Intravenous Ketamine Infusions for Chronic Pain From the American Society of Regional Anesthesia and Pain Medicine, the American Academy of Pain Medicine, and the American Society of Anesthesiologists.

Reg Anesth Pain Med. 2018 Jul;43(5):521-546. doi: 10.1097/AAP.0000000000000808. Review. PubMed PMID: 29870458; PubMed Central PMCID: PMC6023575.

165: Schwenk ES, Viscusi ER, Buvanendran A, Hurley RW, Wasan AD, Narouze S, Bhatia A, Davis FN, Hooten WM, Cohen SP. Consensus Guidelines on the Use of Intravenous Ketamine Infusions for Acute Pain Management From the American Society of Regional Anesthesia and Pain Medicine, the American Academy of Pain Medicine, and the American Society of Anesthesiologists. Reg Anesth Pain Med. 2018 Jul;43(5):456-466. doi: 10.1097/AAP.0000000000000806. PubMed PMID: 29870457; PubMed Central PMCID: PMC6023582.

166: Chen D, Chen CH, Zhang LL, Lin ZK, Zheng JW, Phan K, Mobbs RJ, Lin Y, Ni WF, Wang XY, Li YM, Wu AM. Chondrosarcoma of the Osseous Spine Treated by Surgery With or Without Radiotherapy: A Propensity Score Matched and Grade/Stage-stratified Study. Clin Spine Surg. 2018 Jul;31(6):E310-E316. doi: 10.1097/BSD.0000000000000666. PubMed PMID: 29864077.

167: Gliske SV, Irwin ZT, Chestek C, Hegeman GL, Brinkmann B, Sagher O, Garton HJL, Worrell GA, Stacey WC. Variability in the location of high frequency oscillations during prolonged intracranial EEG recordings. Nat Commun. 2018 Jun 1;9(1):2155. doi: 10.1038/s41467-018-04549-2. PubMed PMID: 29858570; PubMed Central PMCID: PMC5984620.

168: DiRisio AC, Muskens IS, Cote DJ, Babu M, Gormley WB, Smith TR, Moojen WA, Broekman ML. Oversight and Ethical Regulation of Conflicts of Interest in Neurosurgery in the United States. Neurosurgery. 2019 Feb 1;84(2):305-312. doi: 10.1093/neuros/nyy227. PubMed PMID: 29850841.

169: Sadigh G, Menon RK, Bhojak M, Aladi A, Mossa-Basha M, Wu L, Lehman VT, Brinjikji W, Dehkharghani S, Derakhshani A, Mossa-Basha F, Allen JW. Radiological Management of Angiographically Negative, Spontaneous Intracranial Subarachnoid Hemorrhage: A Multicenter Study of Utilization and Diagnostic Yield. Neurosurgery. 2018 May 30. doi: 10.1093/neuros/nyy225. [Epub ahead of print] PubMed PMID: 29850838.

170: Rangel-Castilla L, Levy EI, Siddiqui AH. Direct Cervical Carotid Stenting and Angioplasty of Right Internal Carotid Artery and Brachiocephalic Artery Ostial Stenoses With Flow Reversal: 2-Dimensional Operative Video. Oper Neurosurg (Hagerstown). 2019 Feb 1;16(2):269-270. doi: 10.1093/ons/opy113. PubMed PMID: 29846684.

171: Zhang J, Omar A, Mesfin A. Online Ratings of Spine Surgeons: Analysis of 208 Surgeons. Spine (Phila Pa 1976). 2018 Jun 15;43(12):E722-E726. doi: 10.1097/BRS.0000000000002488. PubMed PMID: 29846366.

172: Sorenson TJ, Brinjikji W, Bortolotti C, Kaufmann G, Lanzino G. Recurrent Brain Arteriovenous Malformations (AVMs): A Systematic Review. World Neurosurg. 2018 Aug;116:e856-e866. doi: 10.1016/j.wneu.2018.05.117. Epub 2018 May 26. Review. PubMed PMID: 29807175.

173: Wong-Kisiel LC, Blauwblomme T, Ho ML, Boddaert N, Parisi J, Wirrell E, Nababout R. Challenges in managing epilepsy associated with focal cortical dysplasia in children. Epilepsy Res. 2018 Sep;145:1-17. doi: 10.1016/j.epilepsyres.2018.05.006. Epub 2018 May 14. Review. PubMed PMID: 29803953.

174: Raudenbush B, Frost C, Okafor R, Chen C, Qui X, Mesfin A. Publication Rate of Podium Presentations From the North American Spine Society Annual Meetings. Global Spine J. 2018 May;8(3):273-278. doi: 10.1177/2192568217713732. Epub 2017 Jun 23. PubMed PMID: 29796376; PubMed Central PMCID: PMC5958481.

- 175: Almeida J, Amaral L, Garcea FE, Aguiar de Sousa D, Xu S, Mahon BZ, Martins IP. Visual and visuomotor processing of hands and tools as a case study of cross talk between the dorsal and ventral streams. *Cogn Neuropsychol*. 2018 Jul - Sep;35(5-6):288-303. doi: 10.1080/02643294.2018.1463980. Epub 2018 May 24. PubMed PMID: 29792367.
- 176: Rajah G, Garling RJ, Rangel-Castilla L. Large Traumatic Skull Base Internal Carotid Artery Pseudoaneurysm managed With Endovascular Flow Diversion: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown)*. 2018 Dec 1;15(6):E84. doi: 10.1093/ons/opy119. PubMed PMID: 29788370.
- 177: Otten C, Dunn KS. The Efficacy of Regional Anesthesia Techniques to Control Postoperative Pain After Total Knee Arthroplasty. *Orthop Nurs*. 2018 May/Jun;37(3):177-182. doi: 10.1097/NOR.0000000000000448. PubMed PMID: 29782451.
- 178: Prabhu RS, Patel KR, Press RH, Soltys SG, Brown PD, Mehta MP, Asher AL, Burri SH. Preoperative Vs Postoperative Radiosurgery For Resected Brain Metastases: A Review. *Neurosurgery*. 2019 Jan 1;84(1):19-29. doi: 10.1093/neuros/nyy146. PubMed PMID: 29771381.
- 179: Carlson ML, Van Gompel JJ, Wiet RM, Tombers NM, Devaiah AK, Lal D, Morcos JJ, Link MJ. A Cross-sectional Survey of the North American Skull Base Society: Current Practice Patterns of Vestibular Schwannoma Evaluation and Management in North America. *J Neurol Surg B Skull Base*. 2018 Jun;79(3):289-296. doi: 10.1055/s-0037-1607319. Epub 2017 Nov 3. PubMed PMID: 29765827; PubMed Central PMCID: PMC5951692.
- 180: Xiong Y, Mahmood A, Chopp M. Current understanding of neuroinflammation after traumatic brain injury and cell-based therapeutic opportunities. *Chin J Traumatol*. 2018 Jun;21(3):137-151. doi: 10.1016/j.cjtee.2018.02.003. Epub 2018 Apr 24. Review. PubMed PMID: 29764704; PubMed Central PMCID: PMC6034172.
- 181: Wang PF, Cai HQ, Zhang CB, Li YM, Liu X, Wan JH, Jiang T, Li SW, Yan CX. Molecular and clinical characterization of PTPN2 expression from RNA-seq data of 996 brain gliomas. *J Neuroinflammation*. 2018 May 15;15(1):145. doi: 10.1186/s12974-018-1187-4. PubMed PMID: 29764444; PubMed Central PMCID: PMC5953404.
- 182: Li J, Ruskey JA, Arnulf I, Dauvilliers Y, Hu MTM, Högl B, Leblond CS, Zhou S, Ambalavanan A, Ross JP, Bourassa CV, Spiegelman D, Laurent SB, Stefani A, Charley Monaca C, Cochen De Cock V, Boivin M, Ferini-Strambi L, Plazzi G, Antelmi E, Young P, Heidbreder A, Labbe C, Ferman TJ, Dion PA, Fan D, Desautels A, Gagnon JF, Dupré N, Fon EA, Montplaisir JY, Boeve BF, Postuma RB, Rouleau GA, Ross OA, Gan-Or Z. Full sequencing and haplotype analysis of MAPT in Parkinson's disease and rapid eye movement sleep behavior disorder. *Mov Disord*. 2018 Jul;33(6):1016-1020. doi: 10.1002/mds.27385. Epub 2018 May 14. PubMed PMID: 29756641.
- 183: Jung YH, Shin JE, Lee YI, Jang JH, Jo HJ, Choi SH. Altered Amygdala Resting-State Functional Connectivity and Hemispheric Asymmetry in Patients With Social Anxiety Disorder. *Front Psychiatry*. 2018 Apr 26;9:164. doi: 10.3389/fpsyg.2018.00164. eCollection 2018. PubMed PMID: 29755374; PubMed Central PMCID: PMC5932339.
- 184: Weickenmeier J, Kurt M, Ozkaya E, de Rooij R, Ovaert TC, Ehman RL, Butts Pauly K, Kuhl E. Brain stiffens post mortem. *J Mech Behav Biomed Mater*. 2018 Aug;84:88-98. doi: 10.1016/j.jmbbm.2018.04.009. Epub 2018 Apr 22. PubMed PMID: 29754046.
- 185: Schreiber A, Yıldırım F, Ferrari G, Antonelli A, Delis PB, Gündüz M, Karcz M, Papadakos P, Cosentini R, Dikmen Y, Esquinas AM. Non-Invasive Mechanical Ventilation in Critically Ill Trauma Patients: A Systematic Review. *Turk J Anaesthesiol Reanim*. 2018 Apr;46(2):88-95. doi:

10.5152/TJAR.2018.46762. Epub 2018 Apr 1. Review. PubMed PMID: 29744242; PubMed Central PMCID: PMC5937470.

186: Ostrom QT, Kinnersley B, Wrensch MR, Eckel-Passow JE, Armstrong G, Rice T, Chen Y, Wiencke JK, McCoy LS, Hansen HM, Amos CI, Bernstein JL, Claus EB, Il'yasova D, Johansen C, Lachance DH, Lai RK, Merrell RT, Olson SH, Sadetzki S, Schildkraut JM, Shete S, Rubin JB, Lathia JD, Berens ME, Andersson U, Rajaraman P, Chanock SJ, Linet MS, Wang Z, Yeager M; GliomaScan consortium, Houlston RS, Jenkins RB, Melin B, Bondy ML, Barnholtz-Sloan JS. Sex-specific glioma genome-wide association study identifies new risk locus at 3p21.31 in females, and finds sex-differences in risk at 8q24.21. *Sci Rep.* 2018 May 9;8(1):7352. doi: 10.1038/s41598-018-24580-z. PubMed PMID: 29743610; PubMed Central PMCID: PMC5943590.

187: Miguel EC, Lopes AC, McLaughlin NCR, Norén G, Gentil AF, Hamani C, Shavitt RG, Batistuzzo MC, Vattimo EFQ, Canteras M, De Salles A, Gorgulho A, Salvajoli JV, Fonoff ET, Paddick I, Hoexter MQ, Lindquist C, Haber SN, Greenberg BD, Sheth SA. Evolution of gamma knife capsulotomy for intractable obsessive-compulsive disorder. *Mol Psychiatry.* 2018 May 9. doi: 10.1038/s41380-018-0054-0. [Epub ahead of print] Review. PubMed PMID: 29743581.

188: Kim K, Youn Y, Lee SH, Choi JC, Jung JE, Kim J, Qu W, Eldridge J, Kim TH. The effectiveness and safety of nonsurgical integrative interventions for symptomatic lumbar spinal spondylolisthesis: A randomized controlled multinational, multicenter trial protocol. *Medicine (Baltimore).* 2018 May;97(19):e0667. doi: 10.1097/MD.00000000000010667. PubMed PMID: 29742708; PubMed Central PMCID: PMC5959416.

189: Asher AL, Devin CJ, Kerezoudis P, Chotai S, Nian H, Harrell FE Jr, Sivaganesan A, McGirt MJ, Archer KR, Foley KT, Mummaneni PV, Bisson EF, Knightly JJ, Shaffrey CI, Bydon M. Comparison of Outcomes Following Anterior vs Posterior Fusion Surgery for Patients With Degenerative Cervical Myelopathy: An Analysis From Quality Outcomes Database. *Neurosurgery.* 2018 May 8. doi: 10.1093/neuros/nyy144. [Epub ahead of print] PubMed PMID: 29741718.

190: Woodroffe RW, Nourski KV, Helland LC, Walsh B, Noeller J, Kerezoudis P, Hitchon PW. Management of iatrogenic spinal cerebrospinal fluid leaks: A cohort of 124 patients. *Clin Neurol Neurosurg.* 2018 Jul;170:61-66. doi: 10.1016/j.clineuro.2018.04.017. Epub 2018 Apr 22. PubMed PMID: 29730270.

191: Pottier C, Zhou X, Perkerson RB 3rd, Baker M, Jenkins GD, Serie DJ, Ghidoni R, Benussi L, Binetti G, López de Munain A, Zulaica M, Moreno F, Le Ber I, Pasquier F, Hannequin D, Sánchez-Valle R, Antonell A, Lladó A, Parsons TM, Finch NA, Finger EC, Lippa CF, Huey ED, Neumann M, Heutink P, Synofzik M, Wilke C, Rissman RA, Slawek J, Sitek E, Johannsen P, Nielsen JE, Ren Y, van Blitterswijk M, DeJesus-Hernandez M, Christopher E, Murray ME, Bieniek KF, Evers BM, Ferrari C, Rollinson S, Richardson A, Scarpini E, Fumagalli GG, Padovani A, Hardy J, Momeni P, Ferrari R, Frangipane F, Maletta R, Anfossi M, Gallo M, Petruccielli L, Suh E, Lopez OL, Wong TH, van Rooij JGJ, Seelaar H, Mead S, Caselli RJ, Reiman EM, Noel Sabbagh M, Kjolby M, Nykjaer A, Karydas AM, Boxer AL, Grinberg LT, Grafman J, Spina S, Oblak A, Mesulam MM, Weintraub S, Geula C, Hodges JR, Piguet O, Brooks WS, Irwin DJ, Trojanowski JQ, Lee EB, Josephs KA, Parisi JE, Ertekin-Taner N, Knopman DS, Nacmias B, Piaceri I, Bagnoli S, Sorbi S, Gearing M, Glass J, Beach TG, Black SE, Masellis M, Rogaeva E, Vonsattel JP, Honig LS, Kofler J, Bruni AC, Snowden J, Mann D, Pickering-Brown S, Diehl-Schmid J, Winkelmann J, Galimberti D, Graff C, Öijerstedt L, Troakes C, Al-Sarraj S, Cruchaga C, Cairns NJ, Rohrer JD, Halliday GM, Kwok JB, van Swieten JC, White CL 3rd, Ghetti B, Murrell JR, Mackenzie IRA, Hsiung GR, Borroni B, Rossi G, Tagliavini F, Wszolek ZK, Petersen RC, Bigio EH, Grossman M, Van Deerlin VM, Seeley WW, Miller BL, Graff-Radford NR, Boeve BF, Dickson DW, Biernacka JM, Rademakers R. Potential genetic modifiers of disease risk and age at onset in patients with frontotemporal lobar degeneration and GRN

mutations: a genome-wide association study. *Lancet Neurol.* 2018 Jun;17(6):548-558. doi: 10.1016/S1474-4422(18)30126-1. Epub 2018 Apr 30. PubMed PMID: 29724592; PubMed Central PMCID: PMC6237181.

192: Expert Panel on Neurologic Imaging:; Kennedy TA, Corey AS, Polliceni B, Agarwal V, Burns J, Harvey HB, Hoang J, Hunt CH, Juliano AF, Mack W, Moonis G, Murad GJA, Pannell JS, Parsons MS, Powers WJ, Schroeder JW, Setzen G, Whitehead MT, Bykowski J. ACR Appropriateness Criteria® Orbitis Vision and Visual Loss. *J Am Coll Radiol.* 2018 May;15(5S):S116-S131. doi: 10.1016/j.jacr.2018.03.023. PubMed PMID: 29724415.

193: Wilson JR, Radcliff K, Schroeder G, Booth M, Lucasti C, Fehlings M, Ahmad N, Vaccaro A, Arnold P, Sciubba D, Ching A, Smith J, Shaffrey C, Singh K, Darden B, Daffner S, Cheng I, Ghogawala Z, Ludwig S, Buchowski J, Brodke D, Wang J, Lehman RA, Hilibrand A, Yoon T, Grauer J, Dailey A, Steinmetz M, Harrop JS. Frequency and Acceptability of Adverse Events After Anterior Cervical Discectomy and Fusion: A Survey Study From the Cervical Spine Research Society. *Clin Spine Surg.* 2018 Jun;31(5):E270-E277. doi: 10.1097/BSD.0000000000000645. PubMed PMID: 29708891.

194: Yoon JW, Chen RE, Kim EJ, Akinduro OO, Kerezoudis P, Han PK, Si P, Freeman WD, Diaz RJ, Komotar RJ, Pirris SM, Brown BL, Bydon M, Wang MY, Wharen RE Jr, Quinones-Hinojosa A. Augmented reality for the surgeon: Systematic review. *Int J Med Robot.* 2018 Aug;14(4):e1914. doi: 10.1002/rcs.1914. Epub 2018 Apr 30. Review. PubMed PMID: 29708640.

195: Schmidt TM, DeAndrea-Lazarus IA, Kimmell KT, Vates GE, Haines SJ, Pilcher WH. For the further training of individuals in neurosurgery: a history of the William P. Van Wagenen Fellowship. *J Neurosurg.* 2018 Apr 1:1-5. doi: 10.3171/2017.10.JNS17999. [Epub ahead of print] PubMed PMID: 29701542.

196: Gao RW, Park SS, Jakub JW, Hieken TJ, Conners AL, Neal L, Pruthi S, Corbin KS, Yan ES, Mutter RW, Stish BJ. Durable response of early-stage breast cancer to bilateral definitive SBRT in a medically inoperable patient. *Pract Radiat Oncol.* 2018 Nov - Dec;8(6):361-365. doi: 10.1016/j.prro.2018.03.006. Epub 2018 Mar 18. PubMed PMID: 29699894.

197: Williams AM, Dennahy IS, Bhatti UF, Halaweish I, Xiong Y, Chang P, Nikolian VC, Chtraklin K, Brown J, Zhang Y, Zhang ZG, Chopp M, Buller B, Alam HB. Mesenchymal Stem Cell-Derived Exosomes Provide Neuroprotection and Improve Long-Term Neurologic Outcomes in a Swine Model of Traumatic Brain Injury and Hemorrhagic Shock. *J Neurotrauma.* 2019 Jan 1;36(1):54-60. doi: 10.1089/neu.2018.5711. Epub 2018 Jul 30. PubMed PMID: 29690826.

198: Berntsson SG, Merrell RT, Amirian ES, Armstrong GN, Lachance D, Smits A, Zhou R, Jacobs DI, Wrensch MR, Olson SH, Il'yasova D, Claus EB, Barnholtz-Sloan JS, Schildkraut J, Sadetzki S, Johansen C, Houlston RS, Jenkins RB, Bernstein JL, Lai R, Shete S, Amos CI, Bondy ML, Melin BS. Glioma-related seizures in relation to histopathological subtypes: a report from the glioma international case-control study. *J Neurol.* 2018 Jun;265(6):1432-1442. doi: 10.1007/s00415-018-8857-0. Epub 2018 Apr 23. PubMed PMID: 29687214; PubMed Central PMCID: PMC5990563.

199: Lee J, Kim I, Lee J, Knight E, Cheng L, Kang SI, Jang DP, Chang SY. Development of Harmaline-induced Tremor in a Swine Model. *Tremor Other Hyperkinet Mov (N Y).* 2018 Mar 13;8:532. doi: 10.7916/D8J68TV7. eCollection 2018. PubMed PMID: 29686939; PubMed Central PMCID: PMC5910538.

200: Boes AD, Kelly MS, Trapp NT, Stern AP, Press DZ, Pascual-Leone A. Noninvasive Brain Stimulation: Challenges and Opportunities for a New Clinical Specialty. *J Neuropsychiatry Clin Neurosci.* 2018 Summer;30(3):173-179. doi: 10.1176/appi.neuropsych.17110262. Epub 2018 Apr 24.

Review. PubMed PMID: 29685065.

201: Wang PF, Wang TJ, Yang YK, Yao K, Li Z, Li YM, Yan CX. The expression profile of PD-L1 and CD8(+) lymphocyte in pituitary neuroendocrine tumors indicating for immunotherapy. *J Neurooncol.* 2018 Aug;139(1):89-95. doi: 10.1007/s11060-018-2844-2. Epub 2018 Apr 21. PubMed PMID: 29680903.

202: Holmes CA, Ishida W, Elder BD, Lo SL, Chen YA, Kim E, Locke J, Taylor M, Witham TF. The Effects of High-Dose Parathyroid Hormone Treatment on Fusion Outcomes in a Rabbit Model of Posteriorlateral Lumbar Spinal Fusion Alone and in Combination with Bone Morphogenetic Protein 2 Treatment. *World Neurosurg.* 2018 Jul;115:e366-e374. doi: 10.1016/j.wneu.2018.04.058. Epub 2018 Apr 17. PubMed PMID: 29678698.

203: Goldstein HE, Neira JA, Banu M, Aldana PR, Braga BP, Brockmeyer DL, DiLuna ML, Fulkerson DH, Hankinson TC, Jea AH, Lew SM, Limbrick DD, Martin J, Pahys JM, Rodriguez LF, Rozzelle CJ, Tuite GF, Wetjen NM, Anderson RCE. Growth and alignment of the pediatric subaxial cervical spine following rigid instrumentation and fusion: a multicenter study of the Pediatric Craniocervical Society. *J Neurosurg Pediatr.* 2018 Jul;22(1):81-88. doi: 10.3171/2018.1.PEDS17551. Epub 2018 Apr 20. PubMed PMID: 29676682.

204: Polster SP, Cao Y, Carroll T, Flemming K, Girard R, Hanley D, Hobson N, Kim H, Koenig J, Koskimäki J, Lane K, Majersik JJ, McBee N, Morrison L, Shenkar R, Stadnik A, Thompson RE, Zabramski J, Zeineddine HA, Awad IA. Trial Readiness in Cavernous Angiomas With Symptomatic Hemorrhage (CASH). *Neurosurgery.* 2018 Apr 11. doi: 10.1093/neuros/nyy108. [Epub ahead of print] PubMed PMID: 29660039.

205: Linninger A, Hartung GA, Liu BP, Mirkov S, Tangen K, Lukas RV, Unruh D, James CD, Sarkaria JN, Horbinski C. Modeling the diffusion of D-2-hydroxyglutarate from IDH1 mutant gliomas in the central nervous system. *Neuro Oncol.* 2018 Aug 2;20(9):1197-1206. doi: 10.1093/neuonc/noy051. PubMed PMID: 29660019; PubMed Central PMCID: PMC6071651.

206: Ellingson BM, Abrey LE, Nelson SJ, Kaufmann TJ, Garcia J, Chinot O, Saran F, Nishikawa R, Henriksson R, Mason WP, Wick W, Butowski N, Ligon KL, Gerstner ER, Colman H, de Groot J, Chang S, Mellinghoff I, Young RJ, Alexander BM, Colen R, Taylor JW, Arrillaga-Romany I, Mehta A, Huang RY, Pope WB, Reardon D, Batchelor T, Prados M, Galanis E, Wen PY, Cloughesy TF. Validation of postoperative residual contrast-enhancing tumor volume as an independent prognostic factor for overall survival in newly diagnosed glioblastoma. *Neuro Oncol.* 2018 Aug 2;20(9):1240-1250. doi: 10.1093/neuonc/noy053. PubMed PMID: 29660006; PubMed Central PMCID: PMC6071654.

207: Tomlinson SB, Khambhati AN, Bermudez C, Kamens RM, Heuer GG, Porter BE, Marsh ED. Alterations of network synchrony after epileptic seizures: An analysis of post-ictal intracranial recordings in pediatric epilepsy patients. *Epilepsy Res.* 2018 Jul;143:41-49. doi: 10.1016/j.eplepsyres.2018.04.003. Epub 2018 Apr 5. PubMed PMID: 29655171.

208: Pendleton C, Belzberg AJ, Spinner RJ, Quinones-Hinojosa A. Harvey Cushing's management of neurogenic thoracic outlet syndrome. *J Neurosurg.* 2018 Apr 1:1-4. doi: 10.3171/2017.9.JNS17173. [Epub ahead of print] PubMed PMID: 29652235.

209: Hughes JD, Bond KM, Mekary RA, Dewan MC, Rattani A, Baticulon R, Kato Y, Azevedo-Filho H, Morcos JJ, Park KB. Estimating the Global Incidence of Aneurysmal Subarachnoid Hemorrhage: A Systematic Review for Central Nervous System Vascular Lesions and Meta-Analysis of Ruptured Aneurysms. *World Neurosurg.* 2018 Jul;115:430-447.e7. doi: 10.1016/j.wneu.2018.03.220. Epub 2018

Apr 9. Review. PubMed PMID: 29649643.

210: Hong JC, Ayala-Peacock DN, Lee J, Blackstock AW, Okunieff P, Sung MW, Weichselbaum RR, Kao J, Urbanic JJ, Milano MT, Chmura SJ, Salama JK. Classification for long-term survival in oligometastatic patients treated with ablative radiotherapy: A multi-institutional pooled analysis. *PLoS One*. 2018 Apr 12;13(4):e0195149. doi: 10.1371/journal.pone.0195149. eCollection 2018. PubMed PMID: 29649281; PubMed Central PMCID: PMC5896920.

211: Goyal A, Miller J, Watrous AJ, Lee SA, Coffey T, Sperling MR, Sharan A, Worrell G, Berry B, Lega B, Jobst BC, Davis KA, Inman C, Sheth SA, Wanda PA, Ezzyat Y, Das SR, Stein J, Gorniak R, Jacobs J. Electrical Stimulation in Hippocampus and Entorhinal Cortex Impairs Spatial and Temporal Memory. *J Neurosci*. 2018 May 9;38(19):4471-4481. doi: 10.1523/JNEUROSCI.3049-17.2018. Epub 2018 Apr 10. PubMed PMID: 29636396; PubMed Central PMCID: PMC5943975.

212: Carlson ML, Tveiten ØV, Lund-Johansen M, Tombers NM, Lohse CM, Link MJ. Patient Motivation and Long-Term Satisfaction with Treatment Choice in Vestibular Schwannoma. *World Neurosurg*. 2018 Jun;114:e1245-e1252. doi: 10.1016/j.wneu.2018.03.182. Epub 2018 Apr 3. PubMed PMID: 29625305.

213: Xiong Y, Zhang L, Zhang ZG, Mahmood A, Chopp M. Targeting microthrombosis and neuroinflammation with vepoloxamer for therapeutic neuroprotection after traumatic brain injury. *Neural Regen Res*. 2018 Mar;13(3):413-414. doi: 10.4103/1673-5374.228717. PubMed PMID: 29623919; PubMed Central PMCID: PMC5900497.

214: Hall WA, Pugh SL, Wefel JS, Armstrong TS, Gilbert MR, Brachman DG, Werner-Wasik M, Wendland MM, Brown PD, Chao ST, Roof KS, Robins HI, Mehta MP, Curran WJ Jr, Movsas B. Influence of Residual Disease Following Surgical Resection in Newly Diagnosed Glioblastoma on Clinical, Neurocognitive, and Patient Reported Outcomes. *Neurosurgery*. 2019 Jan 1;84(1):66-76. doi: 10.1093/neuros/nyy003. PubMed PMID: 29618054.

215: Männikkö R, Wong L, Tester DJ, Thor MG, Sud R, Kullmann DM, Sweeney MG, Leu C, Sisodiya SM, FitzPatrick DR, Evans MJ, Jeffrey IJM, Tfelt-Hansen J, Cohen MC, Fleming PJ, Jaye A, Simpson MA, Ackerman MJ, Hanna MG, Behr ER, Matthews E. Dysfunction of NaV1.4, a skeletal muscle voltage-gated sodium channel, in sudden infant death syndrome: a case-control study. *Lancet*. 2018 Apr 14;391(10129):1483-1492. doi: 10.1016/S0140-6736(18)30021-7. Epub 2018 Apr 5. PubMed PMID: 29605429; PubMed Central PMCID: PMC5899997.

216: Barbaro NM, Quigg M, Ward MM, Chang EF, Broshek DK, Langfitt JT, Yan G, Laxer KD, Cole AJ, Snead PK, Hess CP, Yu W, Tripathi M, Heck CN, Miller JW, Garcia PA, McEvoy A, Fountain NB, Salanova V, Knowlton RC, Bagić A, Henry T, Kapoor S, McKhann G, Palade AE, Reuber M, Tecoma E. Radiosurgery versus open surgery for mesial temporal lobe epilepsy: The randomized, controlled ROSE trial. *Epilepsia*. 2018 Jun;59(6):1198-1207. doi: 10.1111/epi.14045. Epub 2018 Mar 30. PubMed PMID: 29600809.

217: Hilditch CA, Nicholson P, Murad MH, Rabinstein A, Schaafsma J, Pikula A, Krings T, Pereira VM, Agid R, Brinjikji W. Endovascular Management of Acute Stroke in the Elderly: A Systematic Review and Meta-Analysis. *AJNR Am J Neuroradiol*. 2018 May;39(5):887-891. doi: 10.3174/ajnr.A5598. Epub 2018 Mar 22. PubMed PMID: 29567654.

218: Reinhardt A, Stichel D, Schrimpf D, Sahm F, Korshunov A, Reuss DE, Koelsche C, Huang K, Wefers AK, Hovestadt V, Sill M, Gramatzki D, Felsberg J, Reifenberger G, Koch A, Thomale UW, Becker A, Hans VH, Prinz M, Staszewski O, Acker T, Dohmen H, Hartmann C, Mueller W, Tuffaha MSA, Paulus W, Heß K, Brokinkel B, Schittenhelm J, Monoranu CM, Kessler AF, Loehr M, Buslei R, Deckert M, Mawrin

C, Kohlhof P, Hewer E, Olar A, Rodriguez FJ, Giannini C, NageswaraRao AA, Tabori U, Nunes NM, Weller M, Pohl U, Jaunmuktane Z, Brandner S, Unterberg A, Hänggi D, Platten M, Pfister SM, Wick W, Herold-Mende C, Jones DTW, von Deimling A, Capper D. Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX alterations. *Acta Neuropathol.* 2018 Aug;136(2):273-291. doi: 10.1007/s00401-018-1837-8. Epub 2018 Mar 21. PubMed PMID: 29564591.

219: Link MJ, Lund-Johansen M, Lohse CM, Driscoll CLW, Myrseth E, Tveiten OV, Carlson ML. Quality of Life in Patients with Vestibular Schwannomas Following Gross Total or Less than Gross Total Microsurgical Resection: Should We be Taking the Entire Tumor Out? *Neurosurgery.* 2018 Apr 1;82(4):541-547. doi: 10.1093/neuros/nyx245. PubMed PMID: 29554375.

220: Lundstrom BN, Meisel C, Van Gompel J, Stead M, Worrell G. Comparing spiking and slow wave activity from invasive electroencephalography in patients with and without seizures. *Clin Neurophysiol.* 2018 May;129(5):909-919. doi: 10.1016/j.clinph.2018.02.006. Epub 2018 Feb 27. PubMed PMID: 29550651; PubMed Central PMCID: PMC5880695.

221: Unnerbäck M, Bloomfield EL, Söderström S, Reinstrup P. The intracranial pressure curve correlates to the pulsatile component of cerebral blood flow. *J Clin Monit Comput.* 2019 Feb;33(1):77-83. doi: 10.1007/s10877-018-0129-0. Epub 2018 Mar 16. PubMed PMID: 29549499; PubMed Central PMCID: PMC6315053.

222: Brinjikji W, Chung B, Yong-Hong D, Wald JT, Mut F, Kadirvel R, Kallmes DF, Rouchaud A, Lanzino G, Cebral JR. Hemodynamic characteristics of stable and unstable vertebrobasilar dolichoectatic and fusiform aneurysms. *J Neurointerv Surg.* 2018 Nov;10(11):1102-1107. doi: 10.1136/neurintsurg-2018-013756. Epub 2018 Mar 16. PubMed PMID: 29549120.

223: Cagnazzo F, Mantilla D, Rouchaud A, Brinjikji W, Lefevre PH, Dargazanli C, Gascou G, Riquelme C, Perrini P, di Carlo D, Bonafe A, Costalat V. Endovascular Treatment of Very Large and Giant Intracranial Aneurysms: Comparison between Reconstructive and Deconstructive Techniques-A Meta-Analysis. *AJNR Am J Neuroradiol.* 2018 May;39(5):852-858. doi: 10.3174/ajnr.A5591. Epub 2018 Mar 15. PubMed PMID: 29545248.

224: Prentiss EK, Schneider CL, Williams ZR, Sahin B, Mahon BZ. Spontaneous in-flight accommodation of hand orientation to unseen grasp targets: A case of action blindsight. *Cogn Neuropsychol.* 2018 Oct;35(7):343-351. doi: 10.1080/02643294.2018.1432584. Epub 2018 Mar 15. PubMed PMID: 29544406; PubMed Central PMCID: PMC6193269.

225: Shay EA, Chen Q, Garcea FE, Mahon BZ. Decoding intransitive actions in primary motor cortex using fMRI: toward a componential theory of 'action primitives' in motor cortex. *Cogn Neurosci.* 2019 Jan;10(1):13-19. doi: 10.1080/17588928.2018.1453491. Epub 2018 Apr 9. PubMed PMID: 29544397.

226: Disney-Hogg L, Cornish AJ, Sud A, Law PJ, Kinnersley B, Jacobs DI, Ostrom QT, Labreche K, Eckel-Passow JE, Armstrong GN, Claus EB, Il'yasova D, Schildkraut J, Barnholtz-Sloan JS, Olson SH, Bernstein JL, Lai RK, Schoemaker MJ, Simon M, Hoffmann P, Nöthen MM, Jöckel KH, Chanock S, Rajaraman P, Johansen C, Jenkins RB, Melin BS, Wrensch MR, Sanson M, Bondy ML, Houlston RS. Impact of atopy on risk of glioma: a Mendelian randomisation study. *BMC Med.* 2018 Mar 15;16(1):42. doi: 10.1186/s12916-018-1027-5. PubMed PMID: 29540232; PubMed Central PMCID: PMC5853158.

227: Garcea FE, Chen Q, Vargas R, Narayan DA, Mahon BZ. Task- and domain-specific modulation of functional connectivity in the ventral and dorsal object-processing pathways. *Brain Struct Funct.* 2018 Jul;223(6):2589-2607. doi: 10.1007/s00429-018-1641-1. Epub 2018 Mar 13. PubMed PMID: 29536173;

PubMed Central PMCID: PMC6252262.

228: Milano MT, Grimm J, Soltys SG, Yorke E, Moiseenko V, Tomé WA, Sahgal A, Xue J, Ma L, Solberg TD, Kirkpatrick JP, Constine LS, Flickinger JC, Marks LB, El Naqa I. Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. *Int J Radiat Oncol Biol Phys.* 2018 Jan 31. pii: S0360-3016(18)30125-1. doi: 10.1016/j.ijrobp.2018.01.053. [Epub ahead of print] PubMed PMID: 29534899.

229: Disney-Hogg L, Sud A, Law PJ, Cornish AJ, Kinnersley B, Ostrom QT, Labreche K, Eckel-Passow JE, Armstrong GN, Claus EB, Il'yasova D, Schildkraut J, Barnholtz-Sloan JS, Olson SH, Bernstein JL, Lai RK, Swerdlow AJ, Simon M, Hoffmann P, Nöthen MM, Jöckel KH, Chanock S, Rajaraman P, Johansen C, Jenkins RB, Melin BS, Wrensch MR, Sanson M, Bondy ML, Houlston RS. Influence of obesity-related risk factors in the aetiology of glioma. *Br J Cancer.* 2018 Apr;118(7):1020-1027. doi: 10.1038/s41416-018-0009-x. Epub 2018 Mar 13. PubMed PMID: 29531326; PubMed Central PMCID: PMC5931112.

230: Munich SA, Cress MC, Rangel-Castilla L, Sonig A, Ogilvy CS, Lanzino G, Petr O, Mocco J, Morone PJ, Snyder KV, Hopkins LN, Siddiqui AH, Levy EI. Neck Remnants and the Risk of Aneurysm Rupture After Endovascular Treatment With Coiling or Stent-Assisted Coiling: Much Ado About Nothing? *Neurosurgery.* 2019 Feb 1;84(2):421-427. doi: 10.1093/neuros/nyy056. PubMed PMID: 29528449.

231: Fernandes KA, Mitchell KL, Patel A, Marola OJ, Shrager P, Zack DJ, Libby RT, Welsbie DS. Role of SARM1 and DR6 in retinal ganglion cell axonal and somal degeneration following axonal injury. *Exp Eye Res.* 2018 Jun;171:54-61. doi: 10.1016/j.exer.2018.03.007. Epub 2018 Mar 8. PubMed PMID: 29526794; PubMed Central PMCID: PMC5964014.

232: Elmghirbi R, Nagaraja TN, Brown SL, Keenan KA, Panda S, Cabral G, Bagher-Ebadian H, Divine GW, Lee IY, Ewing JR. Toward a noninvasive estimate of interstitial fluid pressure by dynamic contrast-enhanced MRI in a rat model of cerebral tumor. *Magn Reson Med.* 2018 Nov;80(5):2040-2052. doi: 10.1002/mrm.27163. Epub 2018 Mar 9. PubMed PMID: 29524243; PubMed Central PMCID: PMC6107371.

233: Wilson MP, Murad MH, Krings T, Pereira VM, O'Kelly C, Rempel J, Hilditch CA, Brinjikji W. Management of tandem occlusions in acute ischemic stroke - intracranial versus extracranial first and extracranial stenting versus angioplasty alone: a systematic review and meta-analysis. *J Neurointerv Surg.* 2018 Aug;10(8):721-728. doi: 10.1136/neurintsurg-2017-013707. Epub 2018 Mar 9. Review. PubMed PMID: 29523749.

234: Schmidt JD, Rizzone K, Hoffman NL, Weber ML, Jones C, Bazarian J, Broglio SP, McCrea M, McAllister TW; CARE Consortium Investigators. Age at First Concussion Influences the Number of Subsequent Concussions. *Pediatr Neurol.* 2018 Apr;81:19-24. doi: 10.1016/j.pediatrneurol.2017.12.017. Epub 2018 Jan 31. PubMed PMID: 29523494.

235: Nakagawa D, Nagahama Y, Polliceni BA, Raghavan ML, Dillard SI, Schumacher AL, Sarathy S, Dlouhy BJ, Wilson S, Allan L, Woo HH, Huston J, Cloft HJ, Wintermark M, Torner JC, Brown RD, Hasan DM. Accuracy of detecting enlargement of aneurysms using different MRI modalities and measurement protocols. *J Neurosurg.* 2018 Mar 1:1-7. doi: 10.3171/2017.9.JNS171811. [Epub ahead of print] PubMed PMID: 29521585.

236: Dhamija R, Plotkin S, Asthagiri A, Messiaen L, Babovic-Vuksanovic D. Schwannomatosis. 2018 Mar 8. In: Adam MP, Arlinger HH, Pagon RA, Wallace SE, Bean LJH, Stephens K, Amemiya A, editors. GeneReviews® [Internet]. Seattle (WA): University of Washington, Seattle; 1993-2019. Available from

<http://www.ncbi.nlm.nih.gov/books/NBK487394/> PubMed PMID: 29517885.

237: Chen N, Chopp M, Xiong Y, Qian JY, Lu M, Zhou D, He L, Liu Z. Subacute intranasal administration of tissue plasminogen activator improves stroke recovery by inducing axonal remodeling in mice. *Exp Neurol.* 2018 Jun;304:82-89. doi: 10.1016/j.expneurol.2018.03.001. Epub 2018 Mar 5. PubMed PMID: 29518364; PubMed Central PMCID: PMC5916497.

238: Rangel-Castilla L, Davies JM, Siddiqui AH, Levy EI. Novel Endovascular Treatment of a Large Basilar Apex Aneurysm With Neck Reconstruction (Barrel Stent) and Coiling Technique: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown).* 2018 Nov 1;15(5):603. doi: 10.1093/ons/opy008. PubMed PMID: 29518213.

239: Jordan JT, Sanders AE, Armstrong T, Asher T, Bennett A, Dunbar E, Mohile N, Nghiemphu PL, Smith TR, Ney DE. Quality improvement in neurology: Neuro-Oncology Quality Measurement Set. *Neuro Oncol.* 2018 Mar 27;20(4):531-537. doi: 10.1093/neuonc/nox245. PubMed PMID: 29509930; PubMed Central PMCID: PMC5909638.

240: Dirven L, Armstrong TS, Blakeley JO, Brown PD, Grant R, Jalali R, Leeper H, Mendoza T, Nayak L, Reijneveld JC, Le Rhun E, Walbert T, Weller M, Wen PY, Taphoorn MJB. Working plan for the use of patient-reported outcome measures in adults with brain tumours: a Response Assessment in Neuro-Oncology (RANO) initiative. *Lancet Oncol.* 2018 Mar;19(3):e173-e180. doi: 10.1016/S1470-2045(18)30004-4. Review. PubMed PMID: 29508764.

241: Kaufman EJ, Ertefaie A, Small DS, Holena DN, Delgado MK. Comparative Effectiveness of Initial Treatment at Trauma Center vs Neurosurgery-Capable Non-Trauma Center for Severe, Isolated Head Injury. *J Am Coll Surg.* 2018 May;226(5):741-751.e2. doi: 10.1016/j.jamcollsurg.2018.01.055. Epub 2018 Mar 1. PubMed PMID: 29501610; PubMed Central PMCID: PMC5924636.

242: Jordan JT, Sanders AE, Armstrong T, Asher T, Bennett A, Dunbar E, Mohile N, Nghiemphu PL, Smith TR, Ney DE. Quality improvement in neurology: Neuro-oncology quality measurement set. *Neurology.* 2018 Apr 3;90(14):652-658. doi: 10.1212/WNL.0000000000005251. Epub 2018 Mar 2. PubMed PMID: 29500290.

243: Perez-Cruet M, Beeravolu N, McKee C, Brougham J, Khan I, Bakshi S, Chaudhry GR. Potential of Human Nucleus Pulposus-Like Cells Derived From Umbilical Cord to Treat Degenerative Disc Disease. *Neurosurgery.* 2019 Jan 1;84(1):272-283. doi: 10.1093/neuros/nyy012. PubMed PMID: 29490072; PubMed Central PMCID: PMC6292795.

244: Fialho D, Griggs RC, Matthews E. Periodic paralysis. *Handb Clin Neurol.* 2018;148:505-520. doi: 10.1016/B978-0-444-64076-5.00032-6. Review. PubMed PMID: 29478596.

245: Lee SA, Miller JF, Watrous AJ, Sperling MR, Sharan A, Worrell GA, Berry BM, Aronson JP, Davis KA, Gross RE, Lega B, Sheth S, Das SR, Stein JM, Gorniak R, Rizzuto DS, Jacobs J. Electrophysiological Signatures of Spatial Boundaries in the Human Subiculum. *J Neurosci.* 2018 Mar 28;38(13):3265-3272. doi: 10.1523/JNEUROSCI.3216-17.2018. Epub 2018 Feb 21. PubMed PMID: 29467145; PubMed Central PMCID: PMC5884460.

246: Eising E, Carrion-Castillo A, Vino A, Strand EA, Jakielski KJ, Scerri TS, Hildebrand MS, Webster R, Ma A, Mazoyer B, Francks C, Bahlo M, Scheffer IE, Morgan AT, Shriberg LD, Fisher SE. A set of regulatory genes co-expressed in embryonic human brain is implicated in disrupted speech development. *Mol Psychiatry.* 2018 Feb 20. doi: 10.1038/s41380-018-0020-x. [Epub ahead of print] PubMed PMID: 29463886.

- 247: Mahon BZ, Costa A. Theoretical and methodological issues for twenty-first century cognitive neuropsychology. *Cogn Neuropsychol.* 2017 Oct - Dec;34(7-8):395-396. doi: 10.1080/02643294.2018.1426606. PubMed PMID: 29457558.
- 248: Owens RK 2nd, Carreon LY, Bisson EF, Bydon M, Potts EA, Glassman SD. Back pain improves significantly following discectomy for lumbar disc herniation. *Spine J.* 2018 Sep;18(9):1632-1636. doi: 10.1016/j.spinee.2018.02.014. Epub 2018 Feb 14. PubMed PMID: 29454134.
- 249: Marston AP, Merritt G, Morris JM, Cofer SA. Impact of age on the anatomy of the pediatric pterygopalatine fossa and its relationship to the suprazygomatic maxillary nerve block. *Int J Pediatr Otorhinolaryngol.* 2018 Feb;105:85-89. doi: 10.1016/j.ijporl.2017.12.012. Epub 2017 Dec 12. PubMed PMID: 29447826.
- 250: Fang YB, Byun JS, Liu JM, Krings T, Pereira VM, Brinjikji W. Transvenous embolization of brain arteriovenous malformations: a systematic review and meta-analysis. *J Neurosurg Sci.* 2018 Feb 13. doi: 10.23736/S0390-5616.18.04342-4. [Epub ahead of print] PubMed PMID: 29444556.
- 251: Babu MA, Liau LM, Connolly ES Jr, Meyer FB. Maintenance of Certification: Perceptions and Attitudes of Neurosurgeons. *Neurosurgery.* 2018 Oct 1;83(4):835-842. doi: 10.1093/neuros/nyx498. PubMed PMID: 29438528.
- 252: Allen RP, Picchietti DL, Auerbach M, Cho YW, Connor JR, Earley CJ, Garcia-Borreguero D, Kotagal S, Manconi M, Ondo W, Ulfberg J, Winkelman JW; International Restless Legs Syndrome Study Group (IRLSSG). Evidence-based and consensus clinical practice guidelines for the iron treatment of restless legs syndrome/Willis-Ekbom disease in adults and children: an IRLSSG task force report. *Sleep Med.* 2018 Jan;41:27-44. doi: 10.1016/j.sleep.2017.11.1126. Epub 2017 Nov 24. PubMed PMID: 29425576.
- 253: von Roemeling CA, Caulfield TR, Marlow L, Bok I, Wen J, Miller JL, Hughes R, Hazlehurst L, Pinkerton AB, Radisky DC, Tun HW, Kim YSB, Lane AL, Copland JA. Accelerated bottom-up drug design platform enables the discovery of novel stearoyl-CoA desaturase 1 inhibitors for cancer therapy. *Oncotarget.* 2017 Oct 6;9(1):3-20. doi: 10.18632/oncotarget.21545. eCollection 2018 Jan 2. PubMed PMID: 29416592; PubMed Central PMCID: PMC5787466.
- 254: Ramirez-Zamora A, Giordano JJ, Gunduz A, Brown P, Sanchez JC, Foote KD, Almeida L, Starr PA, Bronte-Stewart HM, Hu W, McIntyre C, Goodman W, Kumsa D, Grill WM, Walker HC, Johnson MD, Vitek JL, Greene D, Rizzuto DS, Song D, Berger TW, Hampson RE, Deadwyler SA, Hochberg LR, Schiff ND, Stypulkowski P, Worrell G, Tiruvadi V, Mayberg HS, Jimenez-Shahed J, Nanda P, Sheth SA, Gross RE, Lempka SF, Li L, Deeb W, Okun MS. Evolving Applications, Technological Challenges and Future Opportunities in Neuromodulation: Proceedings of the Fifth Annual Deep Brain Stimulation Think Tank. *Front Neurosci.* 2018 Jan 24;11:734. doi: 10.3389/fnins.2017.00734. eCollection 2017. PubMed PMID: 29416498; PubMed Central PMCID: PMC5787550.
- 255: Gordon BS, Keogh M, Davidson Z, Griffiths S, Sharma V, Marin D, Mayer SA, Dangayach NS. Addressing spirituality during critical illness: A review of current literature. *J Crit Care.* 2018 Jun;45:76-81. doi: 10.1016/j.jcrc.2018.01.015. Epub 2018 Jan 31. Review. PubMed PMID: 29413727.
- 256: Ezzyat Y, Wanda PA, Levy DF, Kadel A, Aka A, Pedisich I, Sperling MR, Sharan AD, Lega BC, Burks A, Gross RE, Inman CS, Jobst BC, Gorenstein MA, Davis KA, Worrell GA, Kucewicz MT, Stein JM, Gorniak R, Das SR, Rizzuto DS, Kahana MJ. Closed-loop stimulation of temporal cortex rescues functional networks and improves memory. *Nat Commun.* 2018 Feb 6;9(1):365. doi: 10.1038/s41467-017-02753-0. PubMed PMID: 29410414; PubMed Central PMCID: PMC5802791.
- 257: Versteeg AL, Sahgal A, Rhines LD, Sciubba DM, Schuster JM, Weber MH, Varga PP, Boriani S,

Bettegowda C, Fehlings MG, Clarke MJ, Arnold PM, Gokaslan ZL, Fisher CG; AO Spine Knowledge Forum Tumor. Psychometric evaluation and adaptation of the Spine Oncology Study Group Outcomes Questionnaire to evaluate health-related quality of life in patients with spinal metastases. *Cancer.* 2018 Apr 15;124(8):1828-1838. doi: 10.1002/cncr.31240. Epub 2018 Feb 6. PubMed PMID: 29409108; PubMed Central PMCID: PMC5900572.

258: Fehlings D, Brown L, Harvey A, Himmelmann K, Lin JP, Macintosh A, Mink JW, Monbaliu E, Rice J, Silver J, Switzer L, Walters I. Pharmacological and neurosurgical interventions for managing dystonia in cerebral palsy: a systematic review. *Dev Med Child Neurol.* 2018 Apr;60(4):356-366. doi: 10.1111/dmcn.13652. Epub 2018 Feb 6. Review. PubMed PMID: 29405267.

259: Kucewicz MT, Berry BM, Kremen V, Miller LR, Khadjevand F, Ezzyat Y, Stein JM, Wanda P, Sperling MR, Gorniak R, Davis KA, Jobst BC, Gross RE, Lega B, Stead SM, Rizzuto DS, Kahana MJ, Worrell GA. Electrical Stimulation Modulates High γ Activity and Human Memory Performance. *eNeuro.* 2018 Feb 2;5(1). pii: ENEURO.0369-17.2018. doi: 10.1523/ENEURO.0369-17.2018. eCollection 2018 Jan-Feb. PubMed PMID: 29404403; PubMed Central PMCID: PMC5797477.

260: Takahashi H, Cornish AJ, Sud A, Law PJ, Kinnersley B, Ostrom QT, Labreche K, Eckel-Passow JE, Armstrong GN, Claus EB, Li'yasova D, Schildkraut J, Barnholtz-Sloan JS, Olson SH, Bernstein JL, Lai RK, Schoemaker MJ, Simon M, Hoffmann P, Nöthen MM, Jöckel KH, Chanock S, Rajaraman P, Johansen C, Jenkins RB, Melin BS, Wrensch MR, Sanson M, Bondy ML, Turnbull C, Houlston RS. Mendelian randomisation study of the relationship between vitamin D and risk of glioma. *Sci Rep.* 2018 Feb 5;8(1):2339. doi: 10.1038/s41598-018-20844-w. PubMed PMID: 29402980; PubMed Central PMCID: PMC5799201.

261: Hirsch LJ, Gaspard N, van Baalen A, Nabuurs R, Demeret S, Loddenkemper T, Navarro V, Specchio N, Lagae L, Rossetti AO, Hocker S, Gofton TE, Abend NS, Gilmore EJ, Hahn C, Khosravani H, Rosenow F, Trinka E. Proposed consensus definitions for new-onset refractory status epilepticus (NORSE), febrile infection-related epilepsy syndrome (FIREs), and related conditions. *Epilepsia.* 2018 Apr;59(4):739-744. doi: 10.1111/epi.14016. Epub 2018 Feb 5. Review. PubMed PMID: 29399791.

262: Lundgaard I, Wang W, Eberhardt A, Vinitsky HS, Reeves BC, Peng S, Lou N, Hussain R, Nedergaard M. Beneficial effects of low alcohol exposure, but adverse effects of high alcohol intake on glymphatic function. *Sci Rep.* 2018 Feb 2;8(1):2246. doi: 10.1038/s41598-018-20424-y. PubMed PMID: 29396480; PubMed Central PMCID: PMC5797082.

263: Hausdorff JM, Hillel I, Shustak S, Del Din S, Bekkers EMJ, Pelosin E, Nieuwhof F, Rochester L, Mirelman A. Everyday Stepping Quantity and Quality Among Older Adult Fallers With and Without Mild Cognitive Impairment: Initial Evidence for New Motor Markers of Cognitive Deficits? *J Gerontol A Biol Sci Med Sci.* 2018 Jul 9;73(8):1078-1082. doi: 10.1093/gerona/glx187. PubMed PMID: 29394317.

264: Santangelo G, Stone J, Schmidt T, Vates GE, Silberstein H, Girgis P. Imaging and surgical approach to a pediatric penetrating intradural wooden splinter: case report. *J Neurosurg Pediatr.* 2018 Apr;21(4):409-413. doi: 10.3171/2017.10.PEDS17215. Epub 2018 Feb 2. PubMed PMID: 29393808.

265: Wilson TJ, Kleiber GM, Nunley RM, Mackinnon SE, Spinner RJ. Distal peroneal nerve decompression after sciatic nerve injury secondary to total hip arthroplasty. *J Neurosurg.* 2018 Jan 1:1-5. doi: 10.3171/2017.8.JNS171260. [Epub ahead of print] PubMed PMID: 29393761.

266: Smith JA, Fuino RL, Pesis-Katz I, Cai X, Powers B, Frazer M, Markman JD. Differences in opioid prescribing in low back pain patients with and without depression: a cross-sectional study of a national sample from the United States. *Pain Rep.* 2017 Jun 22;2(4):e606. doi:

10.1097/PR9.0000000000000606. eCollection 2017 Jul. PubMed PMID: 29392221; PubMed Central PMCID: PMC5741361.

267: Lewis A, Bernat JL, Blosser S, Bonnie RJ, Epstein LG, Hutchins J, Kirschen MP, Rubin M, Russell JA, Sattin JA, Wijdicks EFM, Greer DM. An interdisciplinary response to contemporary concerns about brain death determination. *Neurology*. 2018 Feb 27;90(9):423-426. doi: 10.1212/WNL.0000000000005033. Epub 2018 Jan 31. PubMed PMID: 29386276.

268: Smith NA, Kress BT, Lu Y, Chandler-Militello D, Benraiss A, Nedergaard M. Fluorescent Ca(2+) indicators directly inhibit the Na,K-ATPase and disrupt cellular functions. *Sci Signal*. 2018 Jan 30;11(515). pii: eaal2039. doi: 10.1126/scisignal.aal2039. PubMed PMID: 29382785; PubMed Central PMCID: PMC6190706.

269: Sánchez van Kammen M, Moomaw CJ, van der Schaaf IC, Brown RD Jr, Woo D, Broderick JP, Mackey JS, Rinkel GJE, Huston J 3rd, Ruigrok YM. Heritability of circle of Willis variations in families with intracranial aneurysms. *PLoS One*. 2018 Jan 29;13(1):e0191974. doi: 10.1371/journal.pone.0191974. eCollection 2018. PubMed PMID: 29377946; PubMed Central PMCID: PMC5788367.

270: Wang AC, Fahim DK. Safety and efficacy of balloon kyphoplasty at 4 or more levels in a single anesthetic session. *J Neurosurg Spine*. 2018 Apr;28(4):372-378. doi: 10.3171/2017.8.SPINE17358. Epub 2018 Jan 26. PubMed PMID: 29372861.

271: Manouvakhova OV, Macchi V, Fries FN, Loukas M, De Caro R, Oskouian RJ, Spinner RJ, Tubbs RS. Landmarks for Identifying the Suprascapular Foramen Anteriorly: Application to Anterior Neurotization and Decompressive Procedures. *Oper Neurosurg (Hagerstown)*. 2018 Feb 1;14(2):166-170. doi: 10.1093/ons/opx096. PubMed PMID: 29351679.

272: Shakir HJ, Shallwani H, Rangel-Castilla L, Bregy A, Davies JM, Sonig A, Ogilvy CS, Snyder KV, Hopkins LN, Siddiqui AH, Levy EI. Neuroendovascular Fellowship Training: Self-Assessment of a Program Accredited by the Committee on Advanced Subspecialty Training. *Neurosurgery*. 2018 Mar 1;82(3):407-413. doi: 10.1093/neuros/nyx593. PubMed PMID: 29351626.

273: El Tecle NE, Dahdaleh NS, Bydon M, Ray WZ, Torner JC, Hitchon PW. The natural history of complete spinal cord injury: a pooled analysis of 1162 patients and a meta-analysis of modern data. *J Neurosurg Spine*. 2018 Apr;28(4):436-443. doi: 10.3171/2017.7.SPINE17107. Epub 2018 Jan 19. PubMed PMID: 29350593.

274: Cheng X, Zhang L, Zhang K, Zhang G, Hu Y, Sun X, Zhao C, Li H, Li YM, Zhao J. Circular RNA VMA21 protects against intervertebral disc degeneration through targeting miR-200c and X linked inhibitor-of-apoptosis protein. *Ann Rheum Dis*. 2018 May;77(5):770-779. doi: 10.1136/annrheumdis-2017-212056. Epub 2018 Jan 17. PubMed PMID: 29343508; PubMed Central PMCID: PMC5909753.

275: Martinez-Ramirez D, Jimenez-Shahed J, Leckman JF, Porta M, Servello D, Meng FG, Kuhn J, Huys D, Baldermann JC, Foltynie T, Hariz MI, Joyce EM, Zrinzo L, Kefalopoulou Z, Silburn P, Coyne T, Mogilner AY, Pourfar MH, Khandhar SM, Auyeung M, Ostrem JL, Visser-Vandewalle V, Welter ML, Mallet L, Karachi C, Houeto JL, Klassen BT, Ackermans L, Kaido T, Temel Y, Gross RE, Walker HC, Lozano AM, Walter BL, Mari Z, Anderson WS, Changizi BK, Moro E, Zauber SE, Schrock LE, Zhang JG, Hu W, Rizer K, Monari EH, Foote KD, Malaty IA, Deeb W, Gunduz A, Okun MS. Efficacy and Safety of Deep Brain Stimulation in Tourette Syndrome: The International Tourette Syndrome Deep Brain Stimulation Public Database and Registry. *JAMA Neurol*. 2018 Mar 1;75(3):353-359. doi: 10.1001/jamaneurol.2017.4317.

PubMed PMID: 29340590; PubMed Central PMCID: PMC5885852.

276: Kucewicz MT, Berry BM, Miller LR, Khadjevand F, Ezzyat Y, Stein JM, Kremen V, Brinkmann BH, Wanda P, Sperling MR, Gorniak R, Davis KA, Jobst BC, Gross RE, Lega B, Van Gompel J, Stead SM, Rizzuto DS, Kahana MJ, Worrell GA. Evidence for verbal memory enhancement with electrical brain stimulation in the lateral temporal cortex. *Brain*. 2018 Apr 1;141(4):971-978. doi: 10.1093/brain/awx373. PubMed PMID: 29324988.

277: Johann PD, Bens S, Oyen F, Wagener R, Giannini C, Perry A, Raisanen JM, Reis GF, Nobusawa S, Arita K, Felsberg J, Reifenberger G, Agaimy A, Buslei R, Capper D, Pfister SM, Schneppenheim R, Siebert R, Fröhwald MC, Paulus W, Kool M, Hasselblatt M. Sellar Region Atypical Teratoid/Rhabdoid Tumors (ATRT) in Adults Display DNA Methylation Profiles of the ATRT-MYC Subgroup. *Am J Surg Pathol*. 2018 Apr;42(4):506-511. doi: 10.1097/PAS.0000000000001023. PubMed PMID: 29324471.

278: Wilson TJ, Mauermann ML, Rock MG, Spinner RJ. Outcomes following surgery for peroneal intraneuronal ganglion cysts. *Muscle Nerve*. 2018 Jun;57(6):989-993. doi: 10.1002/mus.26062. Epub 2018 Feb 5. PubMed PMID: 29315664.

279: Sweeney AD, Carlson ML, Shepard NT, McCracken DJ, Vivas EX, Neff BA, Olson JJ. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Otologic and Audiologic Screening for Patients With Vestibular Schwannomas. *Neurosurgery*. 2018 Feb 1;82(2):E29-E31. doi: 10.1093/neuros/nyx509. PubMed PMID: 29309699.

280: Carlson ML, Vivas EX, McCracken DJ, Sweeney AD, Neff BA, Shepard NT, Olson JJ. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Hearing Preservation Outcomes in Patients With Sporadic Vestibular Schwannomas. *Neurosurgery*. 2018 Feb 1;82(2):E35-E39. doi: 10.1093/neuros/nyx511. PubMed PMID: 29309683.

281: Sughrue ME, Fung KM, Van Gompel JJ, Peterson JEG, Olson JJ. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Pathological Methods and Prognostic Factors in Vestibular Schwannomas. *Neurosurgery*. 2018 Feb 1;82(2):E47-E48. doi: 10.1093/neuros/nyx514. PubMed PMID: 29309662.

282: Vivas EX, Carlson ML, Neff BA, Shepard NT, McCracken DJ, Sweeney AD, Olson JJ. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Intraoperative Cranial Nerve Monitoring in Vestibular Schwannoma Surgery. *Neurosurgery*. 2018 Feb 1;82(2):E44-E46. doi: 10.1093/neuros/nyx513. PubMed PMID: 29309641.

283: Van Gompel JJ, Agazzi S, Carlson ML, Adewumi DA, Hadjipanayis CG, Uhm JH, Olson JJ. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Emerging Therapies for the Treatment of Patients With Vestibular Schwannomas. *Neurosurgery*. 2018 Feb 1;82(2):E52-E54. doi: 10.1093/neuros/nyx516. PubMed PMID: 29309638.

284: Hadjipanayis CG, Carlson ML, Link MJ, Rayan TA, Parish J, Atkins T, Asher AL, Dunn IF, Corrales CE, Van Gompel JJ, Sughrue M, Olson JJ. Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Surgical Resection for the Treatment of Patients With Vestibular Schwannomas. *Neurosurgery*. 2018 Feb 1;82(2):E40-E43. doi: 10.1093/neuros/nyx512. PubMed PMID: 29309632.

285: Wefel JS, Parsons MW, Gondi V, Brown PD. Neurocognitive aspects of brain metastasis. *Handb Clin Neurol*. 2018;149:155-165. doi: 10.1016/B978-0-12-811161-1.00012-8. Review. PubMed PMID: 29307352.

- 286: Wang TJC, Brown PD. Brain metastases: fractionated whole-brain radiotherapy. *Handb Clin Neurol.* 2018;149:123-127. doi: 10.1016/B978-0-12-811161-1.00009-8. Review. PubMed PMID: 29307349.
- 287: Braksick SA, Himes BT, Snyder K, Van Gompel JJ, Fugate JE, Rabinstein AA. Ventriculostomy and Risk of Upward Herniation in Patients with Obstructive Hydrocephalus from Posterior Fossa Mass Lesions. *Neurocrit Care.* 2018 Jun;28(3):338-343. doi: 10.1007/s12028-017-0487-3. PubMed PMID: 29305758.
- 288: Alexander BM, Brown PD, Ahluwalia MS, Aoyama H, Baumert BG, Chang SM, Gaspar LE, Kalkanis SN, Macdonald DR, Mehta MP, Soffietti R, Suh JH, van den Bent MJ, Vogelbaum MA, Wefel JS, Lee EQ, Wen PY; Response Assessment in Neuro-Oncology (RANO) group. Clinical trial design for local therapies for brain metastases: a guideline by the Response Assessment in Neuro-Oncology Brain Metastases working group. *Lancet Oncol.* 2018 Jan;19(1):e33-e42. doi: 10.1016/S1470-2045(17)30692-7. Review. PubMed PMID: 29304360.
- 289: Rangel-Castilla L, Shallwani H, Shakir HJ, Levy EI, Siddiqui AH. Endovascular Transcirculation Management of Iatrogenic Vertebral Artery Dissection With the Floss Technique and Flow Diversion: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown).* 2018 Aug 1;15(2):242. doi: 10.1093/ons/opx261. PubMed PMID: 29301033.
- 290: Rajah G, Garling RJ, Rangel-Castilla L. Combined Endovascular and Microsurgical Management of an Unruptured Grade 2 Parietal Arteriovenous Malformation: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown).* 2018 Sep 1;15(3):355. doi: 10.1093/ons/opx274. PubMed PMID: 29300931.
- 291: Spinner RJ, Gilmer HS, Trost GR. Introduction: the value of peripheral nerve surgery. *Neurosurg Focus.* 2018 Jan;44(VideoSuppl1):Intro. doi: 10.3171/2018.1.FocusVid.Intro. PubMed PMID: 29291293.
- 292: Asher AL, Kerezoudis P, Mummaneni PV, Bisson EF, Glassman SD, Foley KT, Slotkin JR, Potts EA, Shaffrey ME, Shaffrey CI, Coric D, Knightly JJ, Park P, Fu KM, Devin CJ, Archer KR, Chotai S, Chan AK, Virk MS, Bydon M. Defining the minimum clinically important difference for grade I degenerative lumbar spondylolisthesis: insights from the Quality Outcomes Database. *Neurosurg Focus.* 2018 Jan;44(1):E2. doi: 10.3171/2017.10.FOCUS17554. PubMed PMID: 29290132.
- 293: Chan AK, Bisson EF, Bydon M, Glassman SD, Foley KT, Potts EA, Shaffrey CI, Shaffrey ME, Coric D, Knightly JJ, Park P, Fu KM, Slotkin JR, Asher AL, Virk MS, Kerezoudis P, Chotai S, DiGiorgio AM, Chan AY, Haid RW, Mummaneni PV. Women fare best following surgery for degenerative lumbar spondylolisthesis: a comparison of the most and least satisfied patients utilizing data from the Quality Outcomes Database. *Neurosurg Focus.* 2018 Jan;44(1):E3. doi: 10.3171/2017.10.FOCUS17553. PubMed PMID: 29290130.
- 294: Jumah F, Adeeb N, Dossani RH, Collin S. MacCarty (1915-2003): Inventor of the "MacCarty Keyhole" as the Starting Burr Hole for Orbitozygomatic Craniotomy. *World Neurosurg.* 2018 Mar;111:269-274. doi: 10.1016/j.wneu.2017.12.121. Epub 2017 Dec 27. Review. PubMed PMID: 2928843.
- 295: McCutcheon BA, Kerezoudis P, Porter AL, Rinaldo L, Murphy ME, Maloney PR, Shepherd DS, Hirshman BR, Carter BS, Lanzino G, Bydon M, Meyer FB. Corrigendum to "Coma and Stroke Following Surgical Treatment of Unruptured Intracranial Aneurysm: An American College of Surgeons National Surgical Quality Improvement Program Study" [World Neurosurgery (2016) 91:272-278]. *World Neurosurg.* 2018 Feb;110:614-615. doi: 10.1016/j.wneu.2017.12.068. Epub 2017 Dec 26. PubMed PMID: 29288060.

- 296: Hammond WJ, Lazar G, Saltsman JA, Farber BA, Danzer E, Sherpa TC, Banda CD, Andolina JR, Karimi S, Brennan CW, Torbenson MS, La Quaglia MP, Simon SM. Intracranial metastasis in fibrolamellar hepatocellular carcinoma. *Pediatr Blood Cancer*. 2018 Apr;65(4). doi: 10.1002/pbc.26919. Epub 2017 Dec 29. PubMed PMID: 29286561; PubMed Central PMCID: PMC6028006.
- 297: Walters JW, Kopelman TR, Patel AA, O'Neill PJ, Hedayati P, Pieri PG, Vail SJ, Lettieri SC, Feiz-Erfan I. Closed therapy of thoracic and lumbar vertebral body fractures in trauma patients. *Surg Neurol Int*. 2017 Nov 20;8:283. doi: 10.4103/sni.sni_336_17. eCollection 2017. PubMed PMID: 29279800; PubMed Central PMCID: PMC5705931.
- 298: Fullard ME, Thibault DP, Todaro V, Foster S, Katz L, Morgan R, Kern DS, Schwallb JM, Urrea Mendoza E, Dahodwala N, Shulman L, Willis AW. Sex disparities in health and health care utilization after Parkinson diagnosis: Rethinking PD associated disability. *Parkinsonism Relat Disord*. 2018 Mar;48:45-50. doi: 10.1016/j.parkreldis.2017.12.012. Epub 2017 Dec 14. PubMed PMID: 29273434.
- 299: Brown PD, Ahluwalia MS, Khan OH, Asher AL, Wefel JS, Gondi V. Whole-Brain Radiotherapy for Brain Metastases: Evolution or Revolution? *J Clin Oncol*. 2018 Feb 10;36(5):483-491. doi: 10.1200/JCO.2017.75.9589. Epub 2017 Dec 22. PubMed PMID: 29272161; PubMed Central PMCID: PMC6075843.
- 300: Jacobs JJ, Copek S, Spinner RJ, Swanson KR. Mathematical model of perineural tumor spread: a pilot study. *Acta Neurochir (Wien)*. 2018 Mar;160(3):655-661. doi: 10.1007/s00701-017-3423-6. Epub 2017 Dec 21. PubMed PMID: 29264779.
- 301: Guerreiro R, Ross OA, Kun-Rodrigues C, Hernandez DG, Orme T, Eicher JD, Shepherd CE, Parkkinen L, Darwent L, Heckman MG, Scholz SW, Troncoso JC, Pletnikova O, Ansorge O, Clarimon J, Lleo A, Morenas-Rodriguez E, Clark L, Honig LS, Marder K, Lemstra A, Rogaeva E, St George-Hyslop P, Londos E, Zetterberg H, Barber I, Braae A, Brown K, Morgan K, Troakes C, Al-Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Serrano GE, Beach TG, Lesage S, Galasko D, Masliah E, Santana I, Pastor P, Diez-Fairen M, Aguilar M, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Escott-Price V, Graff-Radford N, Cairns NJ, Morris JC, Pickering-Brown S, Mann D, Halliday GM, Hardy J, Trojanowski JQ, Dickson DW, Singleton A, Stone DJ, Bras J. Investigating the genetic architecture of dementia with Lewy bodies: a two-stage genome-wide association study. *Lancet Neurol*. 2018 Jan;17(1):64-74. doi: 10.1016/S1474-4422(17)30400-3. Epub 2017 Dec 16. PubMed PMID: 29263008; PubMed Central PMCID: PMC5805394.
- 302: Lara-Velazquez M, Al-Kharboosh R, Jeanneret S, Vazquez-Ramos C, Mahato D, Tavanaiepour D, Rahmathulla G, Quinones-Hinojosa A. Advances in Brain Tumor Surgery for Glioblastoma in Adults. *Brain Sci*. 2017 Dec 20;7(12). pii: E166. doi: 10.3390/brainsci7120166. Review. PubMed PMID: 29261148; PubMed Central PMCID: PMC5742769.
- 303: Babu MA, Liau LM, Meyer FB. Recognized focused practice: Does sub-specialty designation offer value to the neurosurgeon? *PLoS One*. 2017 Dec 14;12(12):e0189105. doi: 10.1371/journal.pone.0189105. eCollection 2017. PubMed PMID: 29240838; PubMed Central PMCID: PMC5730170.
- 304: Watts CR, Gregory A, Frisbie C, Lovas S. Effects of force fields on the conformational and dynamic properties of amyloid β (1-40) dimer explored by replica exchange molecular dynamics simulations. *Proteins*. 2018 Mar;86(3):279-300. doi: 10.1002/prot.25439. Epub 2017 Dec 25. PubMed PMID: 29235155.

- 305: Riester SM, Lin Y, Wang W, Cong L, Mohamed Ali AM, Peck SH, Smith LJ, Currier BL, Clark M, Huddleston P, Krauss W, Yaszemski MJ, Morrey ME, Abdel MP, Bydon M, Qu W, Larson AN, van Wijnen AJ, Nassr A. RNA sequencing identifies gene regulatory networks controlling extracellular matrix synthesis in intervertebral disk tissues. *J Orthop Res.* 2018 May;36(5):1356-1369. doi: 10.1002/jor.23834. Epub 2018 Jan 10. PubMed PMID: 29227558; PubMed Central PMCID: PMC5990467.
- 306: Chang KWC, Wilson TJ, Popadich M, Brown SH, Chung KC, Yang LJS. Oberlin transfer compared with nerve grafting for improving early supination in neonatal brachial plexus palsy. *J Neurosurg Pediatr.* 2018 Feb;21(2):178-184. doi: 10.3171/2017.8.PEDS17160. Epub 2017 Dec 8. PubMed PMID: 29219789.
- 307: Garling RJ, Rajah G, Rangel-Castilla L, Guthikonda M. Right Retrosigmoid Presigmoid Transpetrosal Approach for Resection of Pontine Cavernoma: 2-Dimensional Operative Video. *Oper Neurosurg (Hagerstown).* 2018 Aug 1;15(2):239. doi: 10.1093/ons/opx251. PubMed PMID: 29211864.
- 308: Plog BA, Nedergaard M. The Glymphatic System in Central Nervous System Health and Disease: Past, Present, and Future. *Annu Rev Pathol.* 2018 Jan 24;13:379-394. doi: 10.1146/annurev-pathol-051217-111018. PubMed PMID: 29195051; PubMed Central PMCID: PMC5803388.
- 309: Kassem MW, Iwanaga J, Loukas M, Stone JJ, Smith J, Spinner RJ, Tubbs RS. Accessory neuropathy after sternotomy: Clinico-anatomical correlation supporting an inflammatory cause. *Clin Anat.* 2018 Apr;31(3):417-421. doi: 10.1002/ca.23026. Epub 2017 Dec 18. PubMed PMID: 29193420.
- 310: Wilson TJ, Howe BM, Stewart SA, Spinner RJ, Amrami KK. Clinicoradiological features of intraneuronal perineuriomas obviate the need for tissue diagnosis. *J Neurosurg.* 2018 Oct;129(4):1034-1040. doi: 10.3171/2017.5.JNS17905. Epub 2017 Dec 1. PubMed PMID: 29192862.
- 311: Zimering JH, Stone JJ, Paulzak A, Markman JD, Johnson MD, Vates GE. Ectopic brain tissue in the trigeminal nerve presenting as rapid-onset trigeminal neuralgia: case report. *J Neurosurg.* 2018 Oct;129(4):1063-1066. doi: 10.3171/2017.6.JNS17811. Epub 2017 Dec 1. PubMed PMID: 29192861.
- 312: Xu D, Zhang C, Wang T, Wang C, Kallmes DF, Lanzino G, You C, Xie X. Evaluation of Enterprise Stent-Assisted Coiling and Telescoping Stent Technique as Treatment of Supraclinoid Blister Aneurysms of the Internal Carotid Artery. *World Neurosurg.* 2018 Feb;110:e890-e896. doi: 10.1016/j.wneu.2017.11.119. Epub 2017 Nov 28. PubMed PMID: 29191548.
- 313: Piper KF, Tomlinson SB, Santangelo G, Van Galen J, DeAndrea-Lazarus I, Towner J, Kimmell KT, Silberstein H, Vates GE. Risk factors for wound complications following spine surgery. *Surg Neurol Int.* 2017 Nov 1;8:269. doi: 10.4103/sni.sni_306_17. eCollection 2017. PubMed PMID: 29184720; PubMed Central PMCID: PMC5682694.
- 314: Berger M, Ponnusamy V, Greene N, Cooter M, Nadler JW, Friedman A, McDonagh DL, Laskowitz DT, Newman MF, Shaw LM, Warner DS, Mathew JP, James ML; MAD-PIA Investigators. The Effect of Propofol vs. Isoflurane Anesthesia on Postoperative Changes in Cerebrospinal Fluid Cytokine Levels: Results from a Randomized Trial. *Front Immunol.* 2017 Nov 13;8:1528. doi: 10.3389/fimmu.2017.01528. eCollection 2017. PubMed PMID: 29181002; PubMed Central PMCID: PMC5694037.
- 315: Rastogi K, Klein CJ, O'Toole JE, Jhaveri MD, Malik R. Radiation-induced spinal nerve root cavernous malformations as a rare cause of radiculopathy. *Neurology.* 2017 Nov 28;89(22):2299-2300. doi: 10.1212/WNL.000000000004693. PubMed PMID: 29180575.

- 316: Cagnazzo F, Peluso A, Vannozzi R, Brinjikji W, Lanzino G, Perrini P. Arterial aneurysms associated with intracranial dural arteriovenous fistulas: epidemiology, natural history, and management. A systematic review. *Neurosurg Rev.* 2017 Nov 25. doi: 10.1007/s10143-017-0929-6. [Epub ahead of print] Review. PubMed PMID: 29177821.
- 317: Kepler CK, Vaccaro AR, Fleischman AN, Traynelis VC, Patel AA, Dekutoski MB, Harrop J, Wood KB, Schroeder GD, Bransford R, Aarabi B, Okonkwo DO, Arnold PM, Fehlings MG, Nassr A, Shaffrey C, Yoon ST, Kwon B. Treatment of Axis Body Fractures: A Systematic Review. *Clin Spine Surg.* 2017 Dec;30(10):442-456. doi: 10.1097/BSD.0000000000000309. Review. PubMed PMID: 29176489.
- 318: Solomon EA, Kragel JE, Sperling MR, Sharan A, Worrell G, Kucewicz M, Inman CS, Lega B, Davis KA, Stein JM, Jobst BC, Zaghloul KA, Sheth SA, Rizzuto DS, Kahana MJ. Widespread theta synchrony and high-frequency desynchronization underlies enhanced cognition. *Nat Commun.* 2017 Nov 22;8(1):1704. doi: 10.1038/s41467-017-01763-2. PubMed PMID: 29167419; PubMed Central PMCID: PMC5700170.
- 319: Iyer RR, Elder BD, Garzon-Muvdi T, Sacks JM, Suk I, Wolinsky JP. Use of an Articulating Hinge to Facilitate Cervicothoracic Deformity Correction During Vertebral Column Resection. *Oper Neurosurg (Hagerstown).* 2018 Sep 1;15(3):278-284. doi: 10.1093/ons/opx221. PubMed PMID: 29165712.
- 320: Piper K, DeAndrea-Lazarus I, Algattas H, Kimmell KT, Towner J, Li YM, Walter K, Vates GE. Risk Factors Associated with Readmission and Reoperation in Patients Undergoing Spine Surgery. *World Neurosurg.* 2018 Feb;110:e627-e635. doi: 10.1016/j.wneu.2017.11.057. Epub 2017 Nov 21. PubMed PMID: 29162528.
- 321: Soliman H, Ruschin M, Angelov L, Brown PD, Chiang VLS, Kirkpatrick JP, Lo SS, Mahajan A, Oh KS, Sheehan JP, Soltys SG, Sahgal A. Consensus Contouring Guidelines for Postoperative Completely Resected Cavity Stereotactic Radiosurgery for Brain Metastases. *Int J Radiat Oncol Biol Phys.* 2018 Feb 1;100(2):436-442. doi: 10.1016/j.ijrobp.2017.09.047. Epub 2017 Oct 4. PubMed PMID: 29157748.
- 322: Babu MA, Liau LM, Spinner RJ, Meyer FB. The Aging Neurosurgeon: When Is Enough, Enough? Attitudes Toward Ceasing Practice and Testing in Late Career. *Mayo Clin Proc.* 2017 Dec;92(12):1746-1752. doi: 10.1016/j.mayocp.2017.09.004. Epub 2017 Nov 15. PubMed PMID: 29153596.
- 323: Luc JGY, Pierre CA, Phan K, Vahedine YS, Liberson AS, Cornwell WK, Phillips SJ, Tchantchaleishvili V. Fluid structure interaction model analysis of cerebrospinal fluid circulation in patients with continuous-flow left ventricular assist devices. *Int J Artif Organs.* 2017 Nov 16:0. doi: 10.5301/ijao.5000657. [Epub ahead of print] PubMed PMID: 29148023.
- 324: Wilson TJ, Howe BM, Spinner RJ, Krych AJ. Imaging Characteristics Predict Operative Difficulty Mobilizing the Sciatic Nerve for Proximal Hamstring Repair. *Neurosurgery.* 2018 Nov 1;83(5):931-939. doi: 10.1093/neuros/nyx553. PubMed PMID: 29145673.
- 325: Zhang J, Omar A, Mesfin A. On-line Ratings of Spine Surgeons: Analysis of 208 surgeons. *Spine (Phila Pa 1976).* 2017 Nov 14. doi: 10.1097/BRS.0000000000002488. [Epub ahead of print] PubMed PMID: 29140955.
- 326: Sorenson T, Giordan E, Cannizzaro D, Lanzino G. Surgical ligation of spinal dural arteriovenous fistula. *Acta Neurochir (Wien).* 2018 Jan;160(1):191-194. doi: 10.1007/s00701-017-3381-z. Epub 2017 Nov 14. PubMed PMID: 29138973.
- 327: Zhang Y, Chopp M, Emanuele M, Zhang L, Zhang ZG, Lu M, Zhang T, Mahmood A, Xiong Y.

Treatment of Traumatic Brain Injury with Vepoloxamer (Purified Poloxamer 188). *J Neurotrauma*. 2018 Feb 15;35(4):661-670. doi: 10.1089/neu.2017.5284. Epub 2018 Jan 11. PubMed PMID: 29121826.

328: Charidimou A, Karayiannis C, Song TJ, Orken DN, Thijs V, Lemmens R, Kim J, Goh SM, Phan TG, Soufan C, Chandra RV, Slater LA, Haji S, Mok V, Horstmann S, Leung KT, Kawamura Y, Sato N, Hasebe N, Saito T, Wong LKS, Soo Y, Veltkamp R, Flemming KD, Imaizumi T, Srikanth V, Heo JH; International META-MICROBLEEDS Initiative. Brain microbleeds, anticoagulation, and hemorrhage risk: Meta-analysis in stroke patients with AF. *Neurology*. 2017 Dec 5;89(23):2317-2326. doi: 10.1212/WNL.0000000000004704. Epub 2017 Nov 8. Review. PubMed PMID: 29117953.

329: Abi Ghanem C, Degerny C, Hussain R, Liere P, Pianos A, Tourpin S, Habert R, Macklin WB, Schumacher M, Ghoumari AM. Long-lasting masculinizing effects of postnatal androgens on myelin governed by the brain androgen receptor. *PLoS Genet*. 2017 Nov 6;13(11):e1007049. doi: 10.1371/journal.pgen.1007049. eCollection 2017 Nov. PubMed PMID: 29107990; PubMed Central PMCID: PMC5690690.

330: Expert Panel on Neurologic Imaging; Kessler MM, Moussa M, Bykowski J, Kirsch CFE, Aulino JM, Berger KL, Choudhri AF, Fife TD, Germano IM, Kendi AT, Kim JH, Luttrull MD, Nunez D Jr, Shah LM, Sharma A, Shetty VS, Symko SC, Cornelius RS. ACR Appropriateness Criteria® Tinnitus. *J Am Coll Radiol*. 2017 Nov;14(11S):S584-S591. doi: 10.1016/j.jacr.2017.08.052. PubMed PMID: 29101995.

331: Expert Panels on Neurologic and Vascular Imaging; Schroeder JW, Ptak T, Corey AS, Ahmed O, Biffl WL, Brennan JA, Chandra A, Ginsburg M, Hanley M, Hunt CH, Johnson MM, Kennedy TA, Patel ND, Policeni B, Reitman C, Steigner ML, Stiver SI, Strax R, Whitehead MT, Dill KE. ACR Appropriateness Criteria® Penetrating Neck Injury. *J Am Coll Radiol*. 2017 Nov;14(11S):S500-S505. doi: 10.1016/j.jacr.2017.08.038. PubMed PMID: 29101988.

332: Expert Panel on Neurologic Imaging; Policeni B, Corey AS, Burns J, Conley DB, Crowley RW, Harvey HB, Hoang J, Hunt CH, Jagadeesan BD, Juliano AF, Kennedy TA, Moonis G, Pannell JS, Patel ND, Perlmutter JS, Rosenow JM, Schroeder JW, Whitehead MT, Cornelius RS. ACR Appropriateness Criteria® Cranial Neuropathy. *J Am Coll Radiol*. 2017 Nov;14(11S):S406-S420. doi: 10.1016/j.jacr.2017.08.035. PubMed PMID: 29101981.

333: Nagahama Y, Allan L, Nakagawa D, Zanaty M, Starke RM, Chalouhi N, Jabbour P, Brown RD, Derdeyn CP, Leira EC, Broderick J, Chimowitz M, Torner JC, Hasan D. Dual antiplatelet therapy in aneurysmal subarachnoid hemorrhage: association with reduced risk of clinical vasospasm and delayed cerebral ischemia. *J Neurosurg*. 2018 Sep;129(3):702-710. doi: 10.3171/2017.5.JNS17831. Epub 2017 Nov 3. PubMed PMID: 29099296.

334: Klawiter EC, Bove R, Elsone L, Alvarez E, Borisow N, Cortez M, Mateen F, Mealy MA, Sorum J, Mutch K, Tobyne SM, Ruprecht K, Buckle G, Levy M, Wingerchuk D, Paul F, Cross AH, Jacobs A, Chitnis T, Weinshenker B. High risk of postpartum relapses in neuromyelitis optica spectrum disorder. *Neurology*. 2017 Nov 28;89(22):2238-2244. doi: 10.1212/WNL.0000000000004681. Epub 2017 Nov 1. PubMed PMID: 29093070; PubMed Central PMCID: PMC5705247.

335: Lewczuk P, Riederer P, O'Bryant SE, Verbeek MM, Dubois B, Visser PJ, Jellinger KA, Engelborghs S, Ramirez A, Parnetti L, Jack CR Jr, Teunissen CE, Hampel H, Lleó A, Jessen F, Glodzik L, de Leon MJ, Fagan AM, Molinuevo JL, Jansen WJ, Winblad B, Shaw LM, Andreasson U, Otto M, Mollenhauer B, Wilfong J, Turner MR, Zerr I, Handels R, Thompson AG, Johansson G, Ermann N, Trojanowski JQ, Karaca I, Wagner H, Oeckl P, van Waalwijk van Doorn L, Bjerke M, Kapogiannis D, Kuiperij HB, Farotti L, Li Y, Gordon BA, Epelbaum S, Vos SJB, Klijn CJM, Van Nostrand WE, Minguillon C, Schmitz M, Gallo C, Lopez Mato A, Thibaut F, Lista S, Alcolea D, Zetterberg H, Blennow K, Kornhuber J; Members of the

WFSBP Task Force Working on this Topic: Peter Riederer, Carla Gallo, Dimitrios Kapogiannis, Andrea Lopez Mato, Florence Thibaut. Cerebrospinal fluid and blood biomarkers for neurodegenerative dementias: An update of the Consensus of the Task Force on Biological Markers in Psychiatry of the World Federation of Societies of Biological Psychiatry. *World J Biol Psychiatry*. 2018 Jun;19(4):244-328. doi: 10.1080/15622975.2017.1375556. Epub 2017 Oct 27. Review. PubMed PMID: 29076399; PubMed Central PMCID: PMC5916324.

336: Ives GC, Kung TA, Nghiem BT, Ursu DC, Brown DL, Cederna PS, Kemp SWP. Current State of the Surgical Treatment of Terminal Neuromas. *Neurosurgery*. 2018 Sep 1;83(3):354-364. doi: 10.1093/neuros/nyx500. PubMed PMID: 29053875.

337: Kopp SL, Børglum J, Buvanendran A, Horlocker TT, Ilfeld BM, Memtsoudis SG, Neal JM, Rawal N, Wegener JT. Anesthesia and Analgesia Practice Pathway Options for Total Knee Arthroplasty: An Evidence-Based Review by the American and European Societies of Regional Anesthesia and Pain Medicine. *Reg Anesth Pain Med*. 2017 Nov/Dec;42(6):683-697. doi: 10.1097/AAP.0000000000000673. Review. PubMed PMID: 29053504.

338: Petr O, Brinjikji W, Murad MH, Glodny B, Lanzino G. Reply. *AJNR Am J Neuroradiol*. 2017 Nov;38(11):E98. doi: 10.3174/ajnr.A5435. Epub 2017 Oct 19. PubMed PMID: 29051206.

339: Ghazi A, Campbell T, Melnyk R, Feng C, Andrusco A, Stone J, Erturk E. Validation of a Full-Immersion Simulation Platform for Percutaneous Nephrolithotomy Using Three-Dimensional Printing Technology. *J Endourol*. 2017 Dec;31(12):1314-1320. doi: 10.1089/end.2017.0366. PubMed PMID: 29048214.

340: Santangelo G, Mix D, Ghazi A, Stoner M, Vates GE, Stone JJ. Development of a Whole-Task Simulator for Carotid Endarterectomy. *Oper Neurosurg (Hagerstown)*. 2018 Jun 1;14(6):697-704. doi: 10.1093/ons/opx209. PubMed PMID: 29029228.

341: Erfe JM, Perry A, McClaskey J, Inzucchi SE, James WS, Eid T, Bronen RA, Mahajan A, Huttner A, Santos F, Spencer D. Long-term outcomes of tissue-based ACTH-antibody assay-guided transsphenoidal resection of pituitary neuroendocrine tumors in Cushing disease. *J Neurosurg*. 2018 Sep;129(3):629-641. doi: 10.3171/2017.3.JNS162245. Epub 2017 Oct 13. PubMed PMID: 29027854.

342: Galanis E, Anderson SK, Miller CR, Sarkaria JN, Jaeckle K, Buckner JC, Ligon KL, Ballman KV, Moore DF Jr, Nebozhyn M, Loboda A, Schiff D, Ahluwalia MS, Lee EQ, Gerstner ER, Lesser GJ, Prados M, Grossman SA, Cerhan J, Giannini C, Wen PY; Alliance for Clinical Trials in Oncology and ABTC. Phase I/II trial of vorinostat combined with temozolomide and radiation therapy for newly diagnosed glioblastoma: results of Alliance N0874/ABTC 02. *Neuro Oncol*. 2018 Mar 27;20(4):546-556. doi: 10.1093/neuonc/nox161. PubMed PMID: 29016887; PubMed Central PMCID: PMC5909661.

343: Cheng X, Zhang F, Zhang K, Sun X, Zhao C, Li H, Li YM, Zhao J. Effect of Single-Level Transforaminal Lumbar Interbody Fusion on Segmental and Overall Lumbar Lordosis in Patients with Lumbar Degenerative Disease. *World Neurosurg*. 2018 Jan;109:e244-e251. doi: 10.1016/j.wneu.2017.09.154. Epub 2017 Oct 5. PubMed PMID: 28987851.

344: Giessenauer CJ, Dalal SS, Grassi SA, Bhalla T, Schirmer CM. Pharmacy-Mediated Antiplatelet Management Algorithm Surrounding Neurointerventional Stenting and Flow Diversion Procedures. *World Neurosurg*. 2017 Oct;106:981-982. doi: 10.1016/j.wneu.2017.06.189. PubMed PMID: 28985662.

345: Brinjikji W, Krings T, Murad MH, Rouchaud A, Meila D. Endovascular Treatment of Vein of Galen Malformations: A Systematic Review and Meta-Analysis. *AJNR Am J Neuroradiol*. 2017 Dec;38(12):2308-2314. doi: 10.3174/ajnr.A5403. Epub 2017 Oct 5. Review. PubMed PMID: 28982789.

- 346: Chotai S, Devin CJ, Archer KR, Bydon M, McGirt MJ, Nian H, Harrell FE Jr, Dittus RS, Asher AL; QOD Vanguard Sites. Effect of patients' functional status on satisfaction with outcomes 12 months after elective spine surgery for lumbar degenerative disease. *Spine J.* 2017 Dec;17(12):1783-1793. doi: 10.1016/j.spinee.2017.05.027. Epub 2017 Sep 29. PubMed PMID: 28970074.
- 347: Syc-Mazurek SB, Fernandes KA, Wilson MP, Shrager P, Libby RT. Together JUN and DDIT3 (CHOP) control retinal ganglion cell death after axonal injury. *Mol Neurodegener.* 2017 Oct 2;12(1):71. doi: 10.1186/s13024-017-0214-8. PubMed PMID: 28969695; PubMed Central PMCID: PMC5625643.
- 348: Do AS, Kapur J, Kumar R, Port J, Miller JW, Van Gompel JJ. The Long and Winding Road: Thoracic Myelopathy Associated With Occipitocervical Dural Arteriovenous Fistula. *World Neurosurg.* 2017 Dec;108:998.e7-998.e16. doi: 10.1016/j.wneu.2017.09.073. Epub 2017 Sep 29. Review. PubMed PMID: 28966151.
- 349: Kiyofuji S, Graffeo CS, Perry A, Murad MH, Flemming KD, Lanzino G, Rangel-Castilla L, Brinjikji W. Meta-analysis of treatment outcomes of posterior circulation non-saccular aneurysms by flow diverters. *J Neurointerv Surg.* 2018 May;10(5):493-499. doi: 10.1136/neurintsurg-2017-013312. Epub 2017 Sep 30. PubMed PMID: 28965108.
- 350: Lanzino G, Cannizzaro D, Villa SL, Meyer FB. Pretemporal ("Half-and-Half") Approach for Posterior Circulation Aneurysms in a Patient With Internal Carotid Artery Occlusion. *Oper Neurosurg (Hagerstown).* 2018 Apr 1;14(4):457. doi: 10.1093/ons/opx153. PubMed PMID: 28961943.
- 351: Asher AL, Devin CJ, McCutcheon B, Chotai S, Archer KR, Nian H, Harrell FE, McGirt M, Mummaneni PV, Shaffrey CI, Foley K, Glassman SD, Bydon M. Patient characteristics of smokers undergoing lumbar spine surgery: an analysis from the Quality Outcomes Database. *J Neurosurg Spine.* 2017 Dec;27(6):661-669. doi: 10.3171/2017.4.SPINE16984. Epub 2017 Sep 29. PubMed PMID: 28960162.
- 352: Lehman VT, Klaas JP, Makol A, Brinjikji W, Nasr DM, Mossa-Basha M, Petty GW, Huston J Rd. High resolution vessel wall imaging of three patients with Susac's Syndrome. *J Neurosurg Sci.* 2017 Sep 28. doi: 10.23736/S0390-5616.17.04127-3. [Epub ahead of print] PubMed PMID: 28959874.
- 353: Cummings M, Youn P, Bergsma DP, Usuki KY, Walter K, Sharma M, Okunieff P, Schell MC, Milano MT. Single-Fraction Radiosurgery Using Conservative Doses for Brain Metastases: Durable Responses in Select Primaries With Limited Toxicity. *Neurosurgery.* 2018 Sep 1;83(3):437-444. doi: 10.1093/neuros/nyx427. PubMed PMID: 28945885.
- 354: Lopes DK, Jang DK, Cekirge S, Fiorella D, Hanel RA, Kallmes DF, Levy EI, Lylyk P. Morbidity and Mortality in Patients With Posterior Circulation Aneurysms Treated With the Pipeline Embolization Device: A Subgroup Analysis of the International Retrospective Study of the Pipeline Embolization Device. *Neurosurgery.* 2018 Sep 1;83(3):488-500. doi: 10.1093/neuros/nyx467. PubMed PMID: 28945879.
- 355: Lee LS, Andersen DK, Ashida R, Brugge WR, Canto MI, Chang KJ, Chari ST, DeWitt J, Hwang JH, Khashab MA, Kim K, Levy MJ, McGrath K, Park WG, Singhi A, Stevens T, Thompson CC, Topazian MD, Wallace MB, Wani S, Waxman I, Yadav D, Singh VK. EUS and related technologies for the diagnosis and treatment of pancreatic disease: research gaps and opportunities-Summary of a National Institute of Diabetes and Digestive and Kidney Diseases workshop. *Gastrointest Endosc.* 2017 Nov;86(5):768-778. doi: 10.1016/j.gie.2017.08.006. Epub 2017 Sep 20. Review. PubMed PMID: 28941651.
- 356: Churilla TM, Ballman KV, Brown PD, Twohy EL, Jaeckle K, Farace E, Cerhan JH, Anderson SK, Carrero XW, Garces YI, Barker FG 2nd, Deming R, Dixon JG, Burri SH, Chung C, Ménard C, Stieber VW,

Pollock BE, Galanis E, Buckner JC, Asher AL. Stereotactic Radiosurgery With or Without Whole-Brain Radiation Therapy for Limited Brain Metastases: A Secondary Analysis of the North Central Cancer Treatment Group N0574 (Alliance) Randomized Controlled Trial. *Int J Radiat Oncol Biol Phys.* 2017 Dec 1;99(5):1173-1178. doi: 10.1016/j.ijrobp.2017.07.045. Epub 2017 Aug 5. PubMed PMID: 28939223; PubMed Central PMCID: PMC5699951.

357: Mehta RI, Tsymbalyuk N, Ivanova S, Stokum JA, Woo K, Gerzanich V, Simard JM. α -Endosulfine (ARPP-19e) Expression in a Rat Model of Stroke. *J Neuropathol Exp Neurol.* 2017 Oct 1;76(10):898-907. doi: 10.1093/jnen/nlx074. PubMed PMID: 28922851; PubMed Central PMCID: PMC6251507.

358: Zuckerman SL, Lakomkin N, Magarik JA, Vargas J, Stephens M, Akinpelu B, Spiotta AM, Ahmed A, Arthur AS, Fiorella D, Hanel R, Hirsch JA, Hui FK, James RF, Kallmes DF, Meyers PM, Niemann DB, Rasmussen P, Turner RD, Welch BG, Mocco J. Evaluation of previously embolized intracranial aneurysms: inter-and intra-rater reliability among neurosurgeons and interventional neuroradiologists. *J Neurointerv Surg.* 2018 May;10(5):462-466. doi: 10.1136/neurintsurg-2017-013231. Epub 2017 Sep 16. PubMed PMID: 28918386.

359: Willsey M, Wilson TJ, Henning PT, Yang LJ. Intraoperative Ultrasound for Peripheral Nerve Applications. *Neurosurg Clin N Am.* 2017 Oct;28(4):623-632. doi: 10.1016/j.nec.2017.05.013. Epub 2017 Aug 10. Review. PubMed PMID: 28917290.

360: Müller-Greven G, Carlin CR, Burgett ME, Ahluwalia MS, Lauko A, Nowacki AS, Herting CJ, Qadan MA, Bredel M, Toms SA, Lathia JD, Hambardzumyan D, Sarkaria JN, Hamerlik P, Gladson CL. Macropinocytosis of Bevacizumab by Glioblastoma Cells in the Perivascular Niche Affects their Survival. *Clin Cancer Res.* 2017 Nov 15;23(22):7059-7071. doi: 10.1158/1078-0432.CCR-17-0249. Epub 2017 Sep 14. PubMed PMID: 28912141; PubMed Central PMCID: PMC5690835.

361: Li L, Chopp M, Ding G, Li Q, Mahmood A, Jiang Q. Chronic global analysis of vascular permeability and cerebral blood flow after bone marrow stromal cell treatment of traumatic brain injury in the rat: A long-term MRI study. *Brain Res.* 2017 Nov 15;1675:61-70. doi: 10.1016/j.brainres.2017.09.007. Epub 2017 Sep 9. PubMed PMID: 28899758; PubMed Central PMCID: PMC5645040.

362: Spinner RJ, Capek S. Adapting Findings From Rare Peripheral Nerve Disorders Can Lead to Broad Applications in Neurosurgery. *Neurosurgery.* 2017 Sep 1;64(CN_suppl_1):52-58. doi: 10.1093/neurology/nyx306. PubMed PMID: 28899057.

363: Richardson B, Paulzak A, Rusyniak WG, Martino A. Anterior Lumbar Corpectomy with Expandable Titanium Cage Reconstruction: A Case Series of 42 Patients. *World Neurosurg.* 2017 Dec;108:317-324. doi: 10.1016/j.wneu.2017.08.179. Epub 2017 Sep 5. PubMed PMID: 28887282.

364: Nagaraja TN, Elmghirbi R, Brown SL, Schultz LR, Lee IY, Keenan KA, Panda S, Cabral G, Mikkelsen T, Ewing JR. Reproducibility and relative stability in magnetic resonance imaging indices of tumor vascular physiology over a period of 24h in a rat 9L gliosarcoma model. *Magn Reson Imaging.* 2017 Dec;44:131-139. doi: 10.1016/j.mri.2017.09.003. Epub 2017 Sep 5. PubMed PMID: 28887206.

365: Lu VM, Phan K, Crowley SP, Daniels DJ. The addition of duraplasty to posterior fossa decompression in the surgical treatment of pediatric Chiari malformation Type I: a systematic review and meta-analysis of surgical and performance outcomes. *J Neurosurg Pediatr.* 2017 Nov;20(5):439-449. doi: 10.3171/2017.6.PEDS16367. Epub 2017 Sep 8. Review. Erratum in: *J Neurosurg Pediatr.* 2018 Feb;21(2):197. PubMed PMID: 28885133.

366: Victoroff J, Lin FV, Coburn KL, Shillcutt SD, Voon V, Ducharme S. Noncognitive Behavioral

- Changes Associated With Alzheimer's Disease: Implications of Neuroimaging Findings. *J Neuropsychiatry Clin Neurosci.* 2018 Winter;30(1):14-21. doi: 10.1176/appi.neuropsych.16080155. Epub 2017 Sep 6. Review. PubMed PMID: 28876969.
- 367: Childs S, Pyne S, Nandra K, Bakhsh W, Mustafa SA, Giordano BD. The Effect of Intra-articular Cocktail Versus Femoral Nerve Block for Patients Undergoing Hip Arthroscopy. *Arthroscopy.* 2017 Dec;33(12):2170-2176. doi: 10.1016/j.arthro.2017.06.036. Epub 2017 Aug 31. PubMed PMID: 28866348.
- 368: Gerzanich V, Makar TK, Guda PR, Kwon MS, Stokum JA, Woo SK, Ivanova S, Ivanov A, Mehta RI, Morris AB, Bryan J, Bever CT, Simard JM. Salutary effects of glibenclamide during the chronic phase of murine experimental autoimmune encephalomyelitis. *J Neuroinflammation.* 2017 Sep 2;14(1):177. doi: 10.1186/s12974-017-0953-z. PubMed PMID: 28865458; PubMed Central PMCID: PMC5581426.
- 369: Brinjikji W. Response by Brinjikji to Letter Regarding Article "Neurons Over Nephrons: Systematic Review and Meta-Analysis of Contrast-Induced Nephropathy in Patients With Acute Stroke". *Stroke.* 2017 Oct;48(10):e309. doi: 10.1161/STROKEAHA.117.018960. Epub 2017 Sep 1. PubMed PMID: 28864599.
- 370: Adang LA, Sherbini O, Ball L, Bloom M, Darbari A, Amartino H, DiVito D, Eichler F, Escolar M, Evans SH, Fatemi A, Fraser J, Hollowell L, Jaffe N, Joseph C, Karpinski M, Keller S, Maddock R, Mancilla E, McClary B, Mertz J, Morgart K, Langan T, Leventer R, Parikh S, Pizzino A, Prange E, Renaud DL, Rizzo W, Shapiro J, Suhr D, Suhr T, Tonduti D, Waggoner J, Waldman A, Wolf NI, Zerem A, Bonkowsky JL, Bernard G, van Haren K, Vanderver A; Global Leukodystrophy Initiative (GLIA) Consortium. Revised consensus statement on the preventive and symptomatic care of patients with leukodystrophies. *Mol Genet Metab.* 2017 Sep;122(1-2):18-32. doi: 10.1016/j.ymgme.2017.08.006. Epub 2017 Aug 20. PubMed PMID: 28863857.
- 371: Chung BJ, Doddasomayajula R, Mut F, Detmer F, Pritz MB, Hamzei-Sichani F, Brinjikji W, Kallmes DF, Jimenez CM, Putman CM, Cebral JR. Angioarchitectures and Hemodynamic Characteristics of Posterior Communicating Artery Aneurysms and Their Association with Rupture Status. *AJNR Am J Neuroradiol.* 2017 Nov;38(11):2111-2118. doi: 10.3174/ajnr.A5358. Epub 2017 Aug 31. PubMed PMID: 28860212; PubMed Central PMCID: PMC5690887.
- 372: Garcea FE, Chernoff BL, Diamond B, Lewis W, Sims MH, Tomlinson SB, Teghipco A, Belkhir R, Gannon SB, Erickson S, Smith SO, Stone J, Liu L, Tollefson T, Langfitt J, Marvin E, Pilcher WH, Mahon BZ. Direct Electrical Stimulation in the Human Brain Disrupts Melody Processing. *Curr Biol.* 2017 Sep 11;27(17):2684-2691.e7. doi: 10.1016/j.cub.2017.07.051. Epub 2017 Aug 24. PubMed PMID: 28844645; PubMed Central PMCID: PMC5657509.
- 373: Fullard ME, Thibault DP, Hill A, Fox J, Bhatti DE, Burack MA, Dahodwala N, Haberfeld E, Kern DS, Klepitskava OS, Urrea-Mendoza E, Myers P, Nutt J, Rafferty MR, Schwalb JM, Shulman LM, Willis AW; Parkinson Study Group Healthcare Outcomes and Disparities Working Group. Utilization of rehabilitation therapy services in Parkinson disease in the United States. *Neurology.* 2017 Sep 12;89(11):1162-1169. doi: 10.1212/WNL.0000000000004355. Epub 2017 Aug 23. PubMed PMID: 28835397; PubMed Central PMCID: PMC5595277.
- 374: Hopkins LN, Holmes DR Jr. Response by Hopkins and Holmes to Letter Regarding Article, "Public Health Urgency Created by the Success of Mechanical Thrombectomy Studies in Stroke". *Circulation.* 2017 Aug 22;136(8):781-782. doi: 10.1161/CIRCULATIONAHA.117.029765. PubMed PMID: 28827225.
- 375: Dabus G, Brinjikji W, Amar AP, Delgado Almandoz JE, Diaz OM, Jabbour P, Hanel R, Hui F, Kelly M,

- Layton KF, Miller JW, Levy EI, Moran CJ, Suh DC, Woo H, Sellar R, Hoh B, Evans A, Kallmes DF. Angiographic and clinical outcomes of balloon remodeling versus unassisted coil embolization in the ruptured aneurysm cohort of the GEL THE NEC study. *J Neurointerv Surg.* 2018 May;10(5):446-450. doi: 10.1136/neurintsurg-2017-013326. Epub 2017 Aug 18. PubMed PMID: 28821627.
- 376: Kunkle WA, Madden M, Potts S, Fogelson J, Hershman S. Validity of a smartphone protractor to measure sagittal parameters in adult spinal deformity. *Spine J.* 2017 Oct;17(10):1559-1564. doi: 10.1016/j.spinee.2017.06.014. Epub 2017 Aug 14. PubMed PMID: 28818564.
- 377: Cheng X, Zhang G, Zhang L, Hu Y, Zhang K, Sun X, Zhao C, Li H, Li YM, Zhao J. Mesenchymal stem cells deliver exogenous miR-21 via exosomes to inhibit nucleus pulposus cell apoptosis and reduce intervertebral disc degeneration. *J Cell Mol Med.* 2018 Jan;22(1):261-276. doi: 10.1111/jcmm.13316. Epub 2017 Aug 14. PubMed PMID: 28805297; PubMed Central PMCID: PMC5742691.
- 378: van den Bent MJ, Baumert B, Erridge SC, Vogelbaum MA, Nowak AK, Sanson M, Brandes AA, Clement PM, Baurain JF, Mason WP, Wheeler H, Chinot OL, Gill S, Griffin M, Brachman DG, Taal W, Rudà R, Weller M, McBain C, Reijneveld J, Enting RH, Weber DC, Lesimple T, Clenton S, Gijtenbeek A, Pascoe S, Herrlinger U, Hau P, Dhermain F, van Heuvel I, Stupp R, Aldape K, Jenkins RB, Dubbink HJ, Dinjens WNM, Wesseling P, Nuyens S, Golfinopoulos V, Gorlia T, Wick W, Kros JM. Interim results from the CATNON trial (EORTC study 26053-22054) of treatment with concurrent and adjuvant temozolomide for 1p/19q non-co-deleted anaplastic glioma: a phase 3, randomised, open-label intergroup study. *Lancet.* 2017 Oct 7;390(10103):1645-1653. doi: 10.1016/S0140-6736(17)31442-3. Epub 2017 Aug 8. Erratum in: *Lancet.* 2017 Oct 7;390(10103):1644. PubMed PMID: 28801186; PubMed Central PMCID: PMC5806535.
- 379: Hejčl A, Švihlová H, Sejkorová A, Radovnický T, Adámek D, Hron J, Dragomir-Daescu D, Málek J, Sameš M. Computational Fluid Dynamics of a Fatal Ruptured Anterior Communicating Artery Aneurysm. *J Neurol Surg A Cent Eur Neurosurg.* 2017 Nov;78(6):610-616. doi: 10.1055/s-0037-1604286. Epub 2017 Aug 11. PubMed PMID: 28800663.
- 380: Mestre H, Kostrikov S, Mehta RI, Nedergaard M. Perivascular spaces, glymphatic dysfunction, and small vessel disease. *Clin Sci (Lond).* 2017 Aug 10;131(17):2257-2274. doi: 10.1042/CS20160381. Print 2017 Sep 1. Review. PubMed PMID: 28798076; PubMed Central PMCID: PMC5567781.
- 381: Wang X, Zhao Z, Luo D, Yang JN, Yang J, Chang EL, Brown PD, Li J, McAleer MF, Ghia AJ. Submillimeter alignment of more than three contiguous vertebrae in spinal SRS/SBRT with 6-degree couch. *J Appl Clin Med Phys.* 2017 Sep;18(5):225-236. doi: 10.1002/acm2.12153. Epub 2017 Aug 8. PubMed PMID: 28786235; PubMed Central PMCID: PMC5875814.
- 382: Brázdil M, Pail M, Halámek J, Plešinger F, Cimbálník J, Roman R, Klimeš P, Daniel P, Chrastina J, Brichtová E, Rektor I, Worrell GA, Jurák P. Very high-frequency oscillations: Novel biomarkers of the epileptogenic zone. *Ann Neurol.* 2017 Aug;82(2):299-310. doi: 10.1002/ana.25006. PubMed PMID: 28779553.
- 383: McDonald JS, McDonald RJ, Davenport MS, Jaffe TA, Cook TS, Kallmes DF, Kotsenas AL. Gender and Radiology Publication Productivity: An Examination of Academic Faculty From Four Health Systems in the United States. *J Am Coll Radiol.* 2017 Aug;14(8):1100-1108. doi: 10.1016/j.jacr.2017.04.017. PubMed PMID: 28778224.
- 384: Macki M, De la Garza-Ramos R, Murgatroyd AA, Mullinix KP, Sun X, Cunningham BW, McCutcheon BA, Bydon M, Gokaslan ZL. Comprehensive biomechanical analysis of three reconstruction techniques

- following total sacrectomy: an in vitro human cadaveric model. *J Neurosurg Spine*. 2017 Nov;27(5):570-577. doi: 10.3171/2017.2.SPINE161128. Epub 2017 Aug 4. PubMed PMID: 28777063.
- 385: McCutcheon BA, Hirshman BR, Gabel BC, Heffner MW, Marcus LP, Cole TS, Chen CC, Chang DC, Carter BS. Impact of neurosurgeon specialization on patient outcomes for intracranial and spinal surgery: a retrospective analysis of the Nationwide Inpatient Sample 1998-2009. *J Neurosurg*. 2018 May;128(5):1578-1588. doi: 10.3171/2016.4.JNS152332. Epub 2017 Aug 4. PubMed PMID: 28777023.
- 386: Mummaneni PV, Bisson EF, Kerezoudis P, Glassman S, Foley K, Slotkin JR, Potts E, Shaffrey M, Shaffrey CI, Coric D, Knightly J, Park P, Fu KM, Devin CJ, Chotai S, Chan AK, Virk M, Asher AL, Bydon M. Minimally invasive versus open fusion for Grade I degenerative lumbar spondylolisthesis: analysis of the Quality Outcomes Database. *Neurosurg Focus*. 2017 Aug;43(2):E11. doi: 10.3171/2017.5.FOCUS17188. PubMed PMID: 28760035.
- 387: Brinjikji W, Starke RM, Murad MH, Fiorella D, Pereira VM, Goyal M, Kallmes DF. Impact of balloon guide catheter on technical and clinical outcomes: a systematic review and meta-analysis. *J Neurointerv Surg*. 2018 Apr;10(4):335-339. doi: 10.1136/neurintsurg-2017-013179. Epub 2017 Jul 28. Review. PubMed PMID: 28754806.
- 388: Friedman DI, Quiros PA, Subramanian PS, Mejico LJ, Gao S, McDermott M, Wall M; and the NORDIC IIHTT Study Group. Headache in Idiopathic Intracranial Hypertension: Findings From the Idiopathic Intracranial Hypertension Treatment Trial. *Headache*. 2017 Sep;57(8):1195-1205. doi: 10.1111/head.13153. Epub 2017 Jul 28. PubMed PMID: 28752894; PubMed Central PMCID: PMC5799151.
- 389: Sebastian AS, Ahmed A, Vernon B, Nguyen EC, Aleem I, Clarke MJ, Currier BL, Anderson P, Bydon M, Nassr A. Effect of an Adjustable Hinged Operating Table on Lumbar Lordosis During Lumbar Surgery. *Spine (Phila Pa 1976)*. 2018 Feb 15;43(4):302-306. doi: 10.1097/BRS.0000000000002345. PubMed PMID: 28742758.
- 390: Lo SS, Brown PD, Foote M, Chao ST, Chang EL, Sahgal A. Postoperative stereotactic radiosurgery for limited brain metastases: are we ready for prime time? *Expert Rev Anticancer Ther*. 2017 Sep;17(9):775-777. doi: 10.1080/14737140.2017.1358090. Epub 2017 Jul 24. PubMed PMID: 28737065.
- 391: Santangelo G, Schmidt T, Gonzalez M, Westesson PL, Silberstein H. Novel Technique of Percutaneous Fat Graft for Repair of Persistent Large Pseudomeningocele. *World Neurosurg*. 2017 Oct;106:1055.e13-1055.e17. doi: 10.1016/j.wneu.2017.07.089. Epub 2017 Jul 20. PubMed PMID: 28736354.
- 392: Tomlinson SB, Piper K, Kimmell KT, Vates GE. Preoperative Frailty Score for 30-Day Morbidity and Mortality After Cranial Neurosurgery. *World Neurosurg*. 2017 Nov;107:959-965. doi: 10.1016/j.wneu.2017.07.081. Epub 2017 Jul 20. PubMed PMID: 28736345.
- 393: Seaman S, Kerezoudis P, Bydon M, Torner JC, Hitchon PW. Titanium vs. polyetheretherketone (PEEK) interbody fusion: Meta-analysis and review of the literature. *J Clin Neurosci*. 2017 Oct;44:23-29. doi: 10.1016/j.jocn.2017.06.062. Epub 2017 Jul 21. Review. PubMed PMID: 28736113.
- 394: Brinjikji W, Kallmes DF, Rabinstein AA. Response by Brinjikji et al to Letter Regarding Article, "Neurons Over Nephrons: Systematic Review and Meta-Analysis of Contrast-Induced Nephropathy in Patients With Acute Stroke". *Stroke*. 2017 Sep;48(9):e263. doi: 10.1161/STROKEAHA.117.018458. Epub 2017 Jul 21. PubMed PMID: 28733480.

- 395: Jiang N, Xiang L, He L, Yang G, Zheng J, Wang C, Zhang Y, Wang S, Zhou Y, Sheu TJ, Wu J, Chen K, Coelho PG, Tovar NM, Kim SH, Chen M, Zhou YH, Mao JJ. Exosomes Mediate Epithelium-Mesenchyme Crosstalk in Organ Development. *ACS Nano*. 2017 Aug 22;11(8):7736-7746. doi: 10.1021/acsnano.7b01087. Epub 2017 Jul 27. PubMed PMID: 28727410; PubMed Central PMCID: PMC5634743.
- 396: Lawton MT, Vates GE. Subarachnoid Hemorrhage. *N Engl J Med*. 2017 Jul 20;377(3):257-266. doi: 10.1056/NEJMcp1605827. Review. PubMed PMID: 28723321.
- 397: Wernicke AG, Hirschfeld CB, Smith AW, Taube S, Yondorf MZ, Parashar B, Nedialkova L, Kulidzhanov F, Trichter S, Sabbas A, Ramakrishna R, Pannullo S, Schwartz TH. Clinical Outcomes of Large Brain Metastases Treated With Neurosurgical Resection and Intraoperative Cesium-131 Brachytherapy: Results of a Prospective Trial. *Int J Radiat Oncol Biol Phys*. 2017 Aug 1;98(5):1059-1068. doi: 10.1016/j.ijrobp.2017.03.044. Epub 2017 Jun 10. PubMed PMID: 28721889.
- 398: Gewandter JS, McDermott MP, Kitt RA, Chaudari J, Koch JG, Evans SR, Gross RA, Markman JD, Turk DC, Dworkin RH. Interpretation of CIs in clinical trials with non-significant results: systematic review and recommendations. *BMJ Open*. 2017 Jul 18;7(7):e017288. doi: 10.1136/bmjopen-2017-017288. Review. PubMed PMID: 28720618; PubMed Central PMCID: PMC5726092.
- 399: Ziemer BP, Shiraishi S, Hattangadi-Gluth JA, Sanghvi P, Moore KL. Fully automated, comprehensive knowledge-based planning for stereotactic radiosurgery: Preclinical validation through blinded physician review. *Pract Radiat Oncol*. 2017 Nov - Dec;7(6):e569-e578. doi: 10.1016/j.prro.2017.04.011. Epub 2017 Apr 19. PubMed PMID: 28711334.
- 400: Meier TB, Nelson LD, Huber DL, Bazarian JJ, Hayes RL, McCrea MA. Prospective Assessment of Acute Blood Markers of Brain Injury in Sport-Related Concussion. *J Neurotrauma*. 2017 Nov 15;34(22):3134-3142. doi: 10.1089/neu.2017.5046. Epub 2017 Aug 4. PubMed PMID: 28699381; PubMed Central PMCID: PMC5678359.
- 401: Brown PD, Ballman KV, Cerhan JH, Anderson SK, Carrero XW, Whitton AC, Greenspoon J, Parney IF, Laack NNI, Ashman JB, Bahary JP, Hadjipanayis CG, Urbanic JJ, Barker FG 2nd, Farace E, Khuntia D, Giannini C, Buckner JC, Galanis E, Roberge D. Postoperative stereotactic radiosurgery compared with whole brain radiotherapy for resected metastatic brain disease (NCCTG N107C/CEC-3): a multicentre, randomised, controlled, phase 3 trial. *Lancet Oncol*. 2017 Aug;18(8):1049-1060. doi: 10.1016/S1470-2045(17)30441-2. Epub 2017 Jul 4. PubMed PMID: 28687377; PubMed Central PMCID: PMC5568757.
- 402: Anto-Ocrah M, Jones CMC, Diacovo D, Bazarian JJ. Blood-Based Biomarkers for the Identification of Sports-Related Concussion. *Neurol Clin*. 2017 Aug;35(3):473-485. doi: 10.1016/j.ncl.2017.03.008. Review. PubMed PMID: 28673410.
- 403: Vasavada MM, Martinez B, Wang J, Eslinger PJ, Gill DJ, Sun X, Karunanayaka P, Yang QX. Central Olfactory Dysfunction in Alzheimer's Disease and Mild Cognitive Impairment: A Functional MRI Study. *J Alzheimers Dis*. 2017;59(1):359-368. doi: 10.3233/JAD-170310. PubMed PMID: 28671131.
- 404: Futchko J, Starr J, Lau D, Leach MR, Roark C, Pandey AS, Thompson BG. Influence of smoking on aneurysm recurrence after endovascular treatment of cerebrovascular aneurysms. *J Neurosurg*. 2018 Apr;128(4):992-998. doi: 10.3171/2016.12.JNS161625. Epub 2017 Jun 23. PubMed PMID: 28644100.
- 405: Alattar AA, Hirshman BR, McCutcheon BA, Chen CC, Alexander T, Harris J, Carter BS. Risk Factors for Readmission with Cerebrospinal Fluid Leakage Within 30 Days of Vestibular Schwannoma Surgery.

Neurosurgery. 2018 May 1;82(5):630-637. doi: 10.1093/neuros/nyx197. PubMed PMID: 28633408.

406: Witt SH, Streit F, Jungkunz M, Frank J, Awasthi S, Reinbold CS, Treutlein J, Degenhardt F, Forstner AJ, Heilmann-Heimbach S, Dietl L, Schwarze CE, Schendel D, Strohmaier J, Abdellaoui A, Adolfsson R, Air TM, Akil H, Alda M, Alliey-Rodriguez N, Andreassen OA, Babadjanova G, Bass NJ, Bauer M, Baune BT, Bellivier F, Bergen S, Bethell A, Biernacka JM, Blackwood DHR, Boks MP, Boomsma DI, Børglum AD, Borrmann-Hassenbach M, Brennan P, Budde M, Buttenschøn HN, Byrne EM, Cervantes P, Clarke TK, Craddock N, Cruceanu C, Curtis D, Czerski PM, Dannowski U, Davis T, de Geus EJC, Di Florio A, Djurovic S, Domenici E, Edenberg HJ, Etain B, Fischer SB, Forty L, Fraser C, Frye MA, Fullerton JM, Gade K, Gershon ES, Giegling I, Gordon SD, Gordon-Smith K, Grabe HJ, Green EK, Greenwood TA, Grigoroiu-Serbanescu M, Guzman-Parra J, Hall LS, Hamshere M, Hauser J, Hautzinger M, Heilbronner U, Herms S, Hitturlingappa S, Hoffmann P, Holmans P, Hottenga JJ, Jamain S, Jones I, Jones LA, Juréus A, Kahn RS, Kammerer-Ciernioch J, Kirov G, Kittel-Schneider S, Kloiber S, Knott SV, Kogevinas M, Landén M, Leber M, Leboyer M, Li QS, Lissowska J, Lucae S, Martin NG, Mayoral-Cleries F, McElroy SL, McIntosh AM, McKay JD, McQuillin A, Medland SE, Middeldorp CM, Milaneschi Y, Mitchell PB, Montgomery GW, Morken G, Mors O, Mühlleisen TW, Müller-Myhsok B, Myers RM, Nievergelt CM, Nurnberger JI, O'Donovan MC, Loohuis LMO, Ophoff R, Oruc L, Owen MJ, Paciga SA, Penninx BWJH, Perry A, Pfennig A, Potash JB, Preisig M, Reif A, Rivas F, Rouleau GA, Schofield PR, Schulze TG, Schwarz M, Scott L, Sinnamon GCB, Stahl EA, Strauss J, Turecki G, Van der Auwera S, Vedder H, Vincent JB, Willemsen G, Witt CC, Wray NR, Xi HS; Bipolar Disorders Working Group of the Psychiatric Genomics Consortium; Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium; Schizophrenia Working Group of the Psychiatric Genomics Consortium, Tadic A, Dahmen N, Schott BH, Cichon S, Nöthen MM, Ripke S, Mobaesch A, Rujescu D, Lieb K, Roepke S, Schmahl C, Bohus M, Rietschel M. Genome-wide association study of borderline personality disorder reveals genetic overlap with bipolar disorder, major depression and schizophrenia. *Transl Psychiatry*. 2017 Jun 20;7(6):e1155. doi: 10.1038/tp.2017.115. PubMed PMID: 28632202; PubMed Central PMCID: PMC5537640.

407: Merola A, Fasano A, Hassan A, Ostrem JL, Contarino MF, Lyons M, Krauss JK, Wolf ME, Klassen BT, van Rootselaar AF, Regidor I, Duker AP, Ondo W, Guridi J, Volkmann J, Wagle Shukla A, Mandybur GT, Okun MS, Witt K, Starr PA, Deuschl G, Espay AJ. Thalamic deep brain stimulation for orthostatic tremor: A multicenter international registry. *Mov Disord*. 2017 Aug;32(8):1240-1244. doi: 10.1002/mds.27082. Epub 2017 Jun 20. PubMed PMID: 28631862.

408: Terrillion CE, Abazyan B, Yang Z, Crawford J, Shevelkin AV, Jouroukhin Y, Yoo KH, Cho CH, Roychaudhuri R, Snyder SH, Jang MH, Pletnikov MV. DISC1 in Astrocytes Influences Adult Neurogenesis and Hippocampus-Dependent Behaviors in Mice. *Neuropsychopharmacology*. 2017 Oct;42(11):2242-2251. doi: 10.1038/npp.2017.129. Epub 2017 Jun 20. PubMed PMID: 28631721; PubMed Central PMCID: PMC5603806.

409: Cavalli FMG, Remke M, Rampasek L, Peacock J, Shih DJH, Luu B, Garzia L, Torchia J, Nor C, Morrissey AS, Agnihotri S, Thompson YY, Kuzan-Fischer CM, Farooq H, Isaev K, Daniels C, Cho BK, Kim SK, Wang KC, Lee JY, Grajowska WA, Perek-Polnik M, Vasiljevic A, Faure-Conter C, Jouvet A, Giannini C, Nageswara Rao AA, Li KKW, Ng HK, Eberhart CG, Pollack IF, Hamilton RL, Gillespie GY, Olson JM, Leary S, Weiss WA, Lach B, Chambliss LB, Thompson RC, Cooper MK, Vibhakar R, Hauser P, van Veelen MC, Kros JM, French PJ, Ra YS, Kumabe T, López-Aguilar E, Zitterbart K, Sterba J, Finocchiaro G, Massimino M, Van Meir EG, Osuka S, Shofuda T, Klekner A, Zollo M, Leonard JR, Rubin JB, Jabado N, Albrecht S, Mora J, Van Meter TE, Jung S, Moore AS, Hallahan AR, Chan JA, Tirapelli DPC, Carlotti CG, Fouladi M, Pimentel J, Faria CC, Saad AG, Massimi L, Liau LM, Wheeler H, Nakamura H, Elbabaa SK, Perezpeña-Diazconti M, Chico Ponce de León F, Robinson S, Zapotocky M, Lassaletta A, Huang A, Hawkins CE, Tabori U, Bouffet E, Bartels U, Dirks PB, Rutka JT, Bader GD, Reimand J, Goldenberg A, Ramaswamy V, Taylor MD. Intertumoral Heterogeneity within Medulloblastoma Subgroups. *Cancer*

Cell. 2017 Jun 12;31(6):737-754.e6. doi: 10.1016/j.ccell.2017.05.005. PubMed PMID: 28609654; PubMed Central PMCID: PMC6163053.

410: Strosberg JR, Halfdanarson TR, Bellizzi AM, Chan JA, Dillon JS, Heaney AP, Kunz PL, O'Dorisio TM, Salem R, Segelov E, Howe JR, Pommier RF, Brendtro K, Bashir MA, Singh S, Soulent MC, Tang L, Zacks JS, Yao JC, Bergsland EK. The North American Neuroendocrine Tumor Society Consensus Guidelines for Surveillance and Medical Management of Midgut Neuroendocrine Tumors. Pancreas. 2017 Jul;46(6):707-714. doi: 10.1097/MPA.0000000000000850. Review. PubMed PMID: 28609356; PubMed Central PMCID: PMC5642985.

411: Johnson MD, O'Connell M, Walter K, Silberstein H. mTOR activation is increased in pilocytic astrocytomas from older adults compared with children. Surg Neurol Int. 2017 May 26;8:85. doi: 10.4103/sni.sni_367_16. eCollection 2017. PubMed PMID: 28607819; PubMed Central PMCID: PMC5461564.

412: Mocco J, Brown RD Jr, Torner JC, Capuano AW, Fargen KM, Raghavan ML, Piepras DG, Meissner I, Huston J III; International Study of Unruptured Intracranial Aneurysms Investigators. Aneurysm Morphology and Prediction of Rupture: An International Study of Unruptured Intracranial Aneurysms Analysis. Neurosurgery. 2018 Apr 1;82(4):491-496. doi: 10.1093/neuros/nyx226. PubMed PMID: 28605486; PubMed Central PMCID: PMC6256940.

413: Chen Q, Garcea FE, Jacobs RA, Mahon BZ. Abstract Representations of Object-Directed Action in the Left Inferior Parietal Lobule. Cereb Cortex. 2018 Jun 1;28(6):2162-2174. doi: 10.1093/cercor/bhx120. PubMed PMID: 28605410; PubMed Central PMCID: PMC6019004.

414: Guo G, Gong K, Ali S, Ali N, Shallwani S, Hatanpaa KJ, Pan E, Mickey B, Burma S, Wang DH, Kesari S, Sarkaria JN, Zhao D, Habib AA. A TNF-JNK-Axl-ERK signaling axis mediates primary resistance to EGFR inhibition in glioblastoma. Nat Neurosci. 2017 Aug;20(8):1074-1084. doi: 10.1038/nn.4584. Epub 2017 Jun 12. PubMed PMID: 28604685; PubMed Central PMCID: PMC5529219.

415: Deiner S, Luo X, Lin HM, Sessler DI, Saager L, Sieber FE, Lee HB, Sano M; and the Dexlirium Writing Group, Jankowski C, Bergese SD, Candiotti K, Flaherty JH, Arora H, Shander A, Rock P. Intraoperative Infusion of Dexmedetomidine for Prevention of Postoperative Delirium and Cognitive Dysfunction in Elderly Patients Undergoing Major Elective Noncardiac Surgery: A Randomized Clinical Trial. JAMA Surg. 2017 Aug 16;152(8):e171505. doi: 10.1001/jamasurg.2017.1505. Epub 2017 Aug 16. PubMed PMID: 28593326; PubMed Central PMCID: PMC5831461.

416: Brinjikji W, Demchuk AM, Murad MH, Rabinstein AA, McDonald RJ, McDonald JS, Kallmes DF. Neurons Over Nephrons: Systematic Review and Meta-Analysis of Contrast-Induced Nephropathy in Patients With Acute Stroke. Stroke. 2017 Jul;48(7):1862-1868. doi: 10.1161/STROKEAHA.117.016771. Epub 2017 Jun 5. Review. PubMed PMID: 28583996.

417: Petr O, Burrows AM, Brinjikji W, Brown RD, Lanzino G. Management of patients with an unruptured intracranial aneurysm and a history of malignancy. J Neurosurg Sci. 2017 May 31. doi: 10.23736/S0390-5616.17.04080-2. [Epub ahead of print] PubMed PMID: 28565897.

418: Cong L, Zhu Y, Yan Q, Tu G. A Meta-Analysis on the Clinical Significance of Redundant Nerve Roots in Symptomatic Lumbar Spinal Stenosis. World Neurosurg. 2017 Sep;105:95-101. doi: 10.1016/j.wneu.2017.05.103. Epub 2017 May 27. PubMed PMID: 28559073.

419: Lin EP, Crane BT. The Management and Imaging of Vestibular Schwannomas. AJNR Am J Neuroradiol. 2017 Nov;38(11):2034-2043. doi: 10.3174/ajnr.A5213. Epub 2017 May 25. Review. PubMed PMID: 28546250; PubMed Central PMCID: PMC5690865.

- 420: Dehkordi ANV, Kamali-Asl A, Wen N, Mikkelsen T, Chetty IJ, Bagher-Ebadian H. DCE-MRI prediction of survival time for patients with glioblastoma multiforme: using an adaptive neuro-fuzzy-based model and nested model selection technique. *NMR Biomed.* 2017 Sep;30(9). doi: 10.1002/nbm.3739. Epub 2017 May 25. PubMed PMID: 28543885.
- 421: Petteys RJ, Spitz SM, Syed H, Rice RA, Sarabia-Estrada R, Goodwin CR, Sciubba DM, Freedman BA. Design and testing of a controlled electromagnetic spinal cord impactor for use in large animal models of acute traumatic spinal cord injury. *J Clin Neurosci.* 2017 Sep;43:229-234. doi: 10.1016/j.jocn.2017.04.031. Epub 2017 May 20. PubMed PMID: 28539210.
- 422: De Meyer SF, Andersson T, Baxter B, Bendszus M, Brouwer P, Brinjikji W, Campbell BC, Costalat V, Dávalos A, Demchuk A, Dippel D, Fiehler J, Fischer U, Gilvarry M, Gounis MJ, Gralla J, Jansen O, Jovin T, Kallmes D, Khatri P, Lees KR, López-Cancio E, Majolie C, Marquering H, Narata AP, Nogueira R, Ringleb P, Siddiqui A, Szikora I, Vale D, von Kummer R, Yoo AJ, Hacke W, Liebeskind DS; Clot Summit Group. Analyses of thrombi in acute ischemic stroke: A consensus statement on current knowledge and future directions. *Int J Stroke.* 2017 Aug;12(6):606-614. doi: 10.1177/1747493017709671. Epub 2017 May 23. Review. PubMed PMID: 28534706.
- 423: Rezania K, Pytel P, Highsmith WE, Gabikian P. Cervicomедullary compression as the main manifestation of wild-type transthyretin amyloidosis. *Amyloid.* 2017 Jun;24(2):133-134. doi: 10.1080/13506129.2017.1331907. Epub 2017 May 23. PubMed PMID: 28532173.
- 424: Nakatomi H, Jacob JT, Carlson ML, Tanaka S, Tanaka M, Saito N, Lohse CM, Driscoll CLW, Link MJ. Long-term risk of recurrence and regrowth after gross-total and subtotal resection of sporadic vestibular schwannoma. *J Neurosurg.* 2017 May 19;1:1-7. doi: 10.3171/2016.11.JNS16498. [Epub ahead of print] PubMed PMID: 28524795.
- 425: McGirt MJ, Bydon M, Archer KR, Devin CJ, Chotai S, Parker SL, Nian H, Harrell FE Jr, Speroff T, Dittus RS, Philips SE, Shaffrey CI, Foley KT, Asher AL. An analysis from the Quality Outcomes Database, Part 1. Disability, quality of life, and pain outcomes following lumbar spine surgery: predicting likely individual patient outcomes for shared decision-making. *J Neurosurg Spine.* 2017 Oct;27(4):357-369. doi: 10.3171/2016.11.SPINE16526. Epub 2017 May 12. PubMed PMID: 28498074.
- 426: Asher AL, Devin CJ, Archer KR, Chotai S, Parker SL, Bydon M, Nian H, Harrell FE Jr, Speroff T, Dittus RS, Philips SE, Shaffrey CI, Foley KT, McGirt MJ. An analysis from the Quality Outcomes Database, Part 2. Predictive model for return to work after elective surgery for lumbar degenerative disease. *J Neurosurg Spine.* 2017 Oct;27(4):370-381. doi: 10.3171/2016.8.SPINE16527. Epub 2017 May 12. PubMed PMID: 28498069.
- 427: Guay J, Parker MJ, Griffiths R, Kopp S. Peripheral nerve blocks for hip fractures. *Cochrane Database Syst Rev.* 2017 May 11;5:CD001159. doi: 10.1002/14651858.CD001159.pub2. Review. PubMed PMID: 28494088.
- 428: Hoelzer BC, Bendel MA, Deer TR, Eldridge JS, Walega DR, Wang Z, Costandi S, Azer G, Qu W, Falowski SM, Neuman SA, Moeschler SM, Wasif C, Kim C, Niazi T, Saifullah T, Yee B, Kim C, Oryhan CL, Rosenow JM, Warren DT, Lerman I, Mora R, Hayek SM, Hanes M, Simopoulos T, Sharma S, Gilligan C, Grace W, Ade T, Mekhail NA, Hunter JP, Choi D, Choi DY. Spinal Cord Stimulator Implant Infection Rates and Risk Factors: A Multicenter Retrospective Study. *Neuromodulation.* 2017 Aug;20(6):558-562. doi: 10.1111/ner.12609. Epub 2017 May 11. PubMed PMID: 28493599.
- 429: La Pira B, Sorenson T, Quillis-Quesada V, Lanzino G. The paramedian supracerebellar infratentorial approach. *Acta Neurochir (Wien).* 2017 Aug;159(8):1529-1532. doi:

10.1007/s00701-017-3196-y. Epub 2017 May 10. PubMed PMID: 28493023.

430: Geocadin RG, Wijdicks E, Armstrong MJ, Damian M, Mayer SA, Ornato JP, Rabinstein A, Suarez JI, Torbey MT, Dubinsky RM, Lazarou J. Practice guideline summary: Reducing brain injury following cardiopulmonary resuscitation: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology. *Neurology*. 2017 May 30;88(22):2141-2149. doi: 10.1212/WNL.0000000000003966. Epub 2017 May 10. PubMed PMID: 28490655; PubMed Central PMCID: PMC5447399.

431: Grausam KB, Dooyema SDR, Bihannic L, Premathilake H, Morrissy AS, Forget A, Schaefer AM, Gundelach JH, Macura S, Maher DM, Wang X, Heglin AH, Ge X, Zeng E, Puget S, Chandrasekar I, Surendran K, Bram RJ, Schüller U, Talyor MD, Ayrault O, Zhao H. ATOH1 Promotes Leptomeningeal Dissemination and Metastasis of Sonic Hedgehog Subgroup Medulloblastomas. *Cancer Res*. 2017 Jul 15;77(14):3766-3777. doi: 10.1158/0008-5472.CAN-16-1836. Epub 2017 May 10. PubMed PMID: 28490517; PubMed Central PMCID: PMC5512702.

432: Expert Panel on Neurologic Imaging; Salmela MB, Mortazavi S, Jagadeesan BD, Broderick DF, Burns J, Deshmukh TK, Harvey HB, Hoang J, Hunt CH, Kennedy TA, Khalessi AA, Mack W, Patel ND, Perlmutter JS, Policeni B, Schroeder JW, Setzen G, Whitehead MT, Cornelius RS, Corey AS. ACR Appropriateness Criteria® Cerebrovascular Disease. *J Am Coll Radiol*. 2017 May;14(5S):S34-S61. doi: 10.1016/j.jacr.2017.01.051. Review. PubMed PMID: 28473091.

433: Expert Panel on Neurologic Imaging; Bykowski J, Aulino JM, Berger KL, Cassidy RC, Choudhri AF, Kendi AT, Kirsch CFE, Luttrull MD, Sharma A, Shetty VS, Than K, Winfree CJ, Cornelius RS. ACR Appropriateness Criteria® Plexopathy. *J Am Coll Radiol*. 2017 May;14(5S):S225-S233. doi: 10.1016/j.jacr.2017.02.002. Review. PubMed PMID: 28473078.

434: Cui QL, Khan D, Rone M, T S Rao V, Johnson RM, Lin YH, Bilodeau PA, Hall JA, Rodriguez M, Kennedy TE, Ludwin SK, Antel JP. Sublethal oligodendrocyte injury: A reversible condition in multiple sclerosis? *Ann Neurol*. 2017 Jun;81(6):811-824. doi: 10.1002/ana.24944. Epub 2017 Jun 2. PubMed PMID: 28470695.

435: Yuan H, Jiang W, von Roemeling CA, Qie Y, Liu X, Chen Y, Wang Y, Wharen RE, Yun K, Bu G, Knutson KL, Kim BYS. Multivalent bi-specific nanobioconjugate engager for targeted cancer immunotherapy. *Nat Nanotechnol*. 2017 Aug;12(8):763-769. doi: 10.1038/nnano.2017.69. Epub 2017 May 1. PubMed PMID: 28459470.

436: Bernstein DN, Thirukumaran C, Saleh A, Molinari RW, Mesfin A. Complications and Readmission After Cervical Spine Surgery in Elderly Patients: An Analysis of 1786 Patients. *World Neurosurg*. 2017 Jul;103:859-868.e8. doi: 10.1016/j.wneu.2017.04.109. Epub 2017 Apr 26. PubMed PMID: 28456739.

437: Johnson M, O'Connell M, Walter K. STAT3 activation and risk of recurrence in meningiomas. *Oncol Lett*. 2017 Apr;13(4):2432-2436. doi: 10.3892/ol.2017.5736. Epub 2017 Feb 14. PubMed PMID: 28454415; PubMed Central PMCID: PMC5403594.

438: Nayak L, DeAngelis LM, Brandes AA, Peereboom DM, Galanis E, Lin NU, Soffietti R, Macdonald DR, Chamberlain M, Perry J, Jaeckle K, Mehta M, Stupp R, Muzikansky A, Pentsova E, Cloughesy T, Iwamoto FM, Tonn JC, Vogelbaum MA, Wen PY, van den Bent MJ, Reardon DA. The Neurologic Assessment in Neuro-Oncology (NANO) scale: a tool to assess neurologic function for integration into the Response Assessment in Neuro-Oncology (RANO) criteria. *Neuro Oncol*. 2017 May 1;19(5):625-635. doi: 10.1093/neuonc/nox029. Review. PubMed PMID: 28453751; PubMed Central PMCID: PMC5464449.

- 439: Zakrison TL, Polk TM, Dixon R, Ekeh AP, Gross KR, Davis KA, Kurek SJ Jr, Stassen NA, Patel MB. Paying it forward: Four-year analysis of the Eastern Association for the Surgery of Trauma Mentoring Program. *J Trauma Acute Care Surg.* 2017 Jul;83(1):165-169. doi: 10.1097/TA.0000000000001493. PubMed PMID: 28452871; PubMed Central PMCID: PMC5488724.
- 440: Shankar GM, Clarke MJ, Ailon T, Rhines LD, Patel SR, Sahgal A, Laufer I, Chou D, Bilsky MH, Sciubba DM, Fehlings MG, Fisher CG, Gokaslan ZL, Shin JH. The role of revision surgery and adjuvant therapy following subtotal resection of osteosarcoma of the spine: a systematic review with meta-analysis. *J Neurosurg Spine.* 2017 Jul;27(1):97-104. doi: 10.3171/2016.12.SPINE16995. Epub 2017 Apr 28. Review. PubMed PMID: 28452631.
- 441: Nagoshi N, Fehlings MG, Nakashima H, Tetreault L, Gum JL, Smith ZA, Hsu WK, Tannoury CA, Tannoury T, Traynelis VC, Arnold PM, Mroz TE, Gokaslan ZL, Bydon M, De Giacomo AF, Jobse BC, Massicotte EM, Riew KD. Prevalence and Outcomes in Patients Undergoing Reintubation After Anterior Cervical Spine Surgery: Results From the AO Spine North America Multicenter Study on 8887 Patients. *Global Spine J.* 2017 Apr;7(1 Suppl):96S-102S. doi: 10.1177/2192568216687753. Epub 2017 Apr 1. PubMed PMID: 28451501; PubMed Central PMCID: PMC5400189.
- 442: Gabel BC, Lam A, Chapman JR, Oskouian RJ Jr, Nassr A, Currier BL, Sebastian AS, Arnold PM, Hamilton SR, Fehlings MG, Mroz TE, Riew KD. Perioperative Vision Loss in Cervical Spinal Surgery. *Global Spine J.* 2017 Apr;7(1 Suppl):91S-95S. doi: 10.1177/2192568216688196. Epub 2017 Apr 1. PubMed PMID: 28451500; PubMed Central PMCID: PMC5400199.
- 443: Daniels AH, Hart RA, Hilibrand AS, Fish DE, Wang JC, Lord EL, Buser Z, Tortolani PJ, Stroh DA, Nassr A, Currier BL, Sebastian AS, Arnold PM, Fehlings MG, Mroz TE, Riew KD. Iatrogenic Spinal Cord Injury Resulting From Cervical Spine Surgery. *Global Spine J.* 2017 Apr;7(1 Suppl):84S-90S. doi: 10.1177/2192568216688188. Epub 2017 Apr 1. PubMed PMID: 28451499; PubMed Central PMCID: PMC5400194.
- 444: Anderson PA, Nassr A, Currier BL, Sebastian AS, Arnold PM, Fehlings MG, Mroz TE, Riew KD. Evaluation of Adverse Events in Total Disc Replacement: A Meta-Analysis of FDA Summary of Safety and Effectiveness Data. *Global Spine J.* 2017 Apr;7(1 Suppl):76S-83S. doi: 10.1177/2192568216688195. Epub 2017 Apr 1. PubMed PMID: 28451497; PubMed Central PMCID: PMC5400198.
- 445: Thompson SE, Smith ZA, Hsu WK, Nassr A, Mroz TE, Fish DE, Wang JC, Fehlings MG, Tannoury CA, Tannoury T, Tortolani PJ, Traynelis VC, Gokaslan Z, Hilibrand AS, Isaacs RE, Mummaneni PV, Chou D, Qureshi SA, Cho SK, Baird EO, Sasso RC, Arnold PM, Buser Z, Bydon M, Clarke MJ, De Giacomo AF, Derakhshan A, Jobse B, Lord EL, Lubelski D, Massicotte EM, Steinmetz MP, Smith GA, Pace J, Corriveau M, Lee S, Cha PI, Chatterjee D, Gee EL, Mayer EN, McBride OJ, Roe AK, Yanez MY, Stroh DA, Than KD, Riew KD. C5 Palsy After Cervical Spine Surgery: A Multicenter Retrospective Review of 59 Cases. *Global Spine J.* 2017 Apr;7(1 Suppl):64S-70S. doi: 10.1177/2192568216688189. Epub 2017 Apr 1. PubMed PMID: 28451494; PubMed Central PMCID: PMC5400195.
- 446: O'Neill KR, Fehlings MG, Mroz TE, Smith ZA, Hsu WK, Kanter AS, Steinmetz MP, Arnold PM, Mummaneni PV, Chou D, Nassr A, Qureshi SA, Cho SK, Baird EO, Smith JS, Shaffrey C, Tannoury CA, Tannoury T, Gokaslan ZL, Gum JL, Hart RA, Isaacs RE, Sasso RC, Bumpass DB, Bydon M, Corriveau M, De Giacomo AF, Derakhshan A, Jobse BC, Lubelski D, Lee S, Massicotte EM, Pace JR, Smith GA, Than KD, Riew KD. A Multicenter Study of the Presentation, Treatment, and Outcomes of Cervical Dural Tears. *Global Spine J.* 2017 Apr;7(1 Suppl):58S-63S. doi: 10.1177/2192568216688186. Epub 2017 Apr 1. PubMed PMID: 28451493; PubMed Central PMCID: PMC5400193.

- 447: Gokaslan ZL, Bydon M, De la Garza-Ramos R, Smith ZA, Hsu WK, Qureshi SA, Cho SK, Baird EO, Mroz TE, Fehlings M, Arnold PM, Riew KD. Recurrent Laryngeal Nerve Palsy After Cervical Spine Surgery: A Multicenter AOSpine Clinical Research Network Study. *Global Spine J.* 2017 Apr;7(1 Suppl):53S-57S. doi: 10.1177/2192568216687547. Epub 2017 Apr 1. PubMed PMID: 28451492; PubMed Central PMCID: PMC5400187.
- 448: Peterson JC, Arnold PM, Smith ZA, Hsu WK, Fehlings MG, Hart RA, Hilibrand AS, Nassr A, Rahman RK, Tannoury CA, Tannoury T, Mroz TE, Currier BL, De Giacomo AF, Fogelson JL, Jobse BC, Massicotte EM, Riew KD. Misplaced Cervical Screws Requiring Reoperation. *Global Spine J.* 2017 Apr;7(1 Suppl):46S-52S. doi: 10.1177/2192568216687527. Epub 2017 Apr 1. PubMed PMID: 28451491; PubMed Central PMCID: PMC5400184.
- 449: Smith GA, Pace J, Corriveau M, Lee S, Mroz TE, Nassr A, Fehlings MG, Hart RA, Hilibrand AS, Arnold PM, Bumpass DB, Gokaslan Z, Bydon M, Fogelson JL, Massicotte EM, Riew KD, Steinmetz MP. Incidence and Outcomes of Acute Implant Extrusion Following Anterior Cervical Spine Surgery. *Global Spine J.* 2017 Apr;7(1 Suppl):40S-45S. doi: 10.1177/2192568216686752. Epub 2017 Apr 1. PubMed PMID: 28451490; PubMed Central PMCID: PMC5400179.
- 450: Hershman SH, Kunkle WA, Kelly MP, Buchowski JM, Ray WZ, Bumpass DB, Gum JL, Peters CM, Singhathanadigge W, Kim JY, Smith ZA, Hsu WK, Nassr A, Currier BL, Rahman RK, Isaacs RE, Smith JS, Shaffrey C, Thompson SE, Wang JC, Lord EL, Buser Z, Arnold PM, Fehlings MG, Mroz TE, Riew KD. Esophageal Perforation Following Anterior Cervical Spine Surgery: Case Report and Review of the Literature. *Global Spine J.* 2017 Apr;7(1 Suppl):28S-36S. doi: 10.1177/2192568216687535. Epub 2017 Apr 1. PubMed PMID: 28451488; PubMed Central PMCID: PMC5400185.
- 451: Hsu WK, Kannan A, Mai HT, Fehlings MG, Smith ZA, Traynelis VC, Gokaslan ZL, Hilibrand AS, Nassr A, Arnold PM, Mroz TE, Bydon M, Massicotte EM, Ray WZ, Steinmetz MP, Smith GA, Pace J, Corriveau M, Lee S, Isaacs RE, Wang JC, Lord EL, Buser Z, Riew KD. Epidemiology and Outcomes of Vertebral Artery Injury in 16 582 Cervical Spine Surgery Patients: An AOSpine North America Multicenter Study. *Global Spine J.* 2017 Apr;7(1 Suppl):21S-27S. doi: 10.1177/2192568216686753. Epub 2017 Apr 1. PubMed PMID: 28451487; PubMed Central PMCID: PMC5400180.
- 452: Schroeder GD, Hilibrand AS, Arnold PM, Fish DE, Wang JC, Gum JL, Smith ZA, Hsu WK, Gokaslan ZL, Isaacs RE, Kanter AS, Mroz TE, Nassr A, Sasso RC, Fehlings MG, Buser Z, Bydon M, Cha PI, Chatterjee D, Gee EL, Lord EL, Mayer EN, McBride OJ, Nguyen EC, Roe AK, Tortolani PJ, Stroh DA, Yanez MY, Riew KD. Epidural Hematoma Following Cervical Spine Surgery. *Global Spine J.* 2017 Apr;7(1 Suppl):120S-126S. doi: 10.1177/2192568216687754. Epub 2017 Apr 1. PubMed PMID: 28451483; PubMed Central PMCID: PMC5400190.
- 453: Derakhshan A, Lubelski D, Steinmetz MP, Corriveau M, Lee S, Pace JR, Smith GA, Gokaslan Z, Bydon M, Arnold PM, Fehlings MG, Riew KD, Mroz TE. Thoracic Duct Injury Following Cervical Spine Surgery: A Multicenter Retrospective Review. *Global Spine J.* 2017 Apr;7(1 Suppl):115S-119S. doi: 10.1177/2192568216688194. Epub 2017 Apr 1. PubMed PMID: 28451482; PubMed Central PMCID: PMC5400197.
- 454: Ailon T, Smith JS, Nassr A, Smith ZA, Hsu WK, Fehlings MG, Fish DE, Wang JC, Hilibrand AS, Mummaneni PV, Chou D, Sasso RC, Traynelis VC, Arnold PM, Mroz TE, Buser Z, Lord EL, Massicotte EM, Sebastian AS, Than KD, Steinmetz MP, Smith GA, Pace J, Corriveau M, Lee S, Riew KD, Shaffrey C. Rare Complications of Cervical Spine Surgery: Pseudomeningocele. *Global Spine J.* 2017 Apr;7(1 Suppl):109S-114S. doi: 10.1177/2192568216687769. Epub 2017 Apr 1. PubMed PMID: 28451481; PubMed Central PMCID: PMC5400191.

- 455: Grafeo CS, Leeper HE, Perry A, Uhm JH, Lachance DJ, Brown PD, Ma DJ, Van Gompel JJ, Giannini C, Johnson DR, Raghunathan A. Revisiting Adjuvant Radiotherapy After Gross Total Resection of World Health Organization Grade II Meningioma. *World Neurosurg.* 2017 Jul;103:655-663. doi: 10.1016/j.wneu.2017.04.095. Epub 2017 Apr 24. PubMed PMID: 28450233.
- 456: Ochoa JG, Hentgarden D, Paulzak A, Ogden M, Pryson R, Lamle M, Rusyniak WG. Subtle pathological changes in neocortical temporal lobe epilepsy. *Epilepsy Behav.* 2017 Jun;71(Pt A):17-22. doi: 10.1016/j.yebeh.2017.01.001. Epub 2017 Apr 22. PubMed PMID: 28441637.
- 457: Kumar A, Weber MH, Gokaslan Z, Wolinsky JP, Schmidt M, Rhines L, Fehlings MG, Laufer I, Sciubba DM, Clarke MJ, Sundaresan N, Verlaan JJ, Sahgal A, Chou D, Fisher CG. Metastatic Spinal Cord Compression and Steroid Treatment: A Systematic Review. *Clin Spine Surg.* 2017 May;30(4):156-163. doi: 10.1097/BSD.0000000000000528. Review. PubMed PMID: 28437329.
- 458: Ezzyat Y, Kragel JE, Burke JF, Levy DF, Lyalenko A, Wanda P, O'Sullivan L, Hurley KB, Busygin S, Pedisich I, Sperling MR, Worrell GA, Kucewicz MT, Davis KA, Lucas TH, Inman CS, Lega BC, Jobst BC, Sheth SA, Zaghloul K, Jutras MJ, Stein JM, Das SR, Gorniak R, Rizzuto DS, Kahana MJ. Direct Brain Stimulation Modulates Encoding States and Memory Performance in Humans. *Curr Biol.* 2017 May 8;27(9):1251-1258. doi: 10.1016/j.cub.2017.03.028. Epub 2017 Apr 20. PubMed PMID: 28434860.
- 459: Romanov A, Pokushalov E, Ponomarev D, Strelnikov A, Shabanov V, Losik D, Karaskov A, Steinberg JS. Pulmonary vein isolation with concomitant renal artery denervation is associated with reduction in both arterial blood pressure and atrial fibrillation burden: Data from implantable cardiac monitor. *Cardiovasc Ther.* 2017 Aug;35(4). doi: 10.1111/1755-5922.12264. PubMed PMID: 28423234.
- 460: Tankut SS, Yoruk A, Bisognano JD. Device-Directed Therapy for Resistant Hypertension. *Cardiol Clin.* 2017 May;35(2):255-260. doi: 10.1016/j.ccl.2016.12.007. Epub 2017 Feb 1. Review. PubMed PMID: 28411899.
- 461: Niethammer M, Tang CC, LeWitt PA, Rezai AR, Leehey MA, Ojemann SG, Flaherty AW, Eskandar EN, Kostyk SK, Sarkar A, Siddiqui MS, Tatter SB, Schwalb JM, Poston KL, Henderson JM, Kurlan RM, Richard IH, Sapan CV, Eidelberg D, During MJ, Kaplitt MG, Feigin A. Long-term follow-up of a randomized AAV2-GAD gene therapy trial for Parkinson's disease. *JCI Insight.* 2017 Apr 6;2(7):e90133. doi: 10.1172/jci.insight.90133. PubMed PMID: 28405611; PubMed Central PMCID: PMC5374069.
- 462: Algattas H, Damania D, DeAndrea-Lazarus I, Kimmell KT, Marko NF, Walter KA, Vates GE, Jahromi BS. Systematic Review of Safety and Cost-Effectiveness of Venous Thromboembolism Prophylaxis Strategies in Patients Undergoing Craniotomy for Brain Tumor. *Neurosurgery.* 2018 Feb 1;82(2):142-154. doi: 10.1093/neuros/nyx156. PubMed PMID: 28402497.
- 463: Wharen RE Jr, Okun MS, Guthrie BL, Uitti RJ, Larson P, Foote K, Walker H, Marshall FJ, Schwalb J, Ford B, Jankovic J, Simpson R, Dashtipour K, Phibbs F, Neimat JS, Stewart RM, Peichel D, Pahwa R, Ostrem JL; SJM DBS ET Study Group. Thalamic DBS with a constant-current device in essential tremor: A controlled clinical trial. *Parkinsonism Relat Disord.* 2017 Jul;40:18-26. doi: 10.1016/j.parkreldis.2017.03.017. Epub 2017 Mar 30. PubMed PMID: 28400200.
- 464: Jobst BC, Kapur R, Barkley GL, Bazil CW, Berg MJ, Bergey GK, Boggs JG, Cash SS, Cole AJ, Duchowny MS, Duckrow RB, Edwards JC, Eisenschchenk S, Fessler AJ, Fountain NB, Geller EB, Goldman AM, Goodman RR, Gross RE, Gwinn RP, Heck C, Herekar AA, Hirsch LJ, King-Stephens D, Labar DR, Marsh WR, Meador KJ, Miller I, Mizrahi EM, Murro AM, Nair DR, Noe KH, Olejniczak PW, Park YD, Rutecki P, Salanova V, Sheth RD, Skidmore C, Smith MC, Spencer DC, Srinivasan S, Tatum W, Van Ness P, Vossler DG, Wharen RE Jr, Worrell GA, Yoshor D, Zimmerman RS, Skarpaas TL, Morrell MJ. Brain-

responsive neurostimulation in patients with medically intractable seizures arising from eloquent and other neocortical areas. *Epilepsia*. 2017 Jun;58(6):1005-1014. doi: 10.1111/epi.13739. Epub 2017 Apr 7. PubMed PMID: 28387951.

465: Akers A, Al-Shahi Salman R, A Awad I, Dahlem K, Flemming K, Hart B, Kim H, Jusue-Torres I, Kondziolka D, Lee C, Morrison L, Rigamonti D, Rebeiz T, Tournier-Lasserve E, Waggoner D, Whitehead K. Synopsis of Guidelines for the Clinical Management of Cerebral Cavernous Malformations: Consensus Recommendations Based on Systematic Literature Review by the Angioma Alliance Scientific Advisory Board Clinical Experts Panel. *Neurosurgery*. 2017 May 1;80(5):665-680. doi: 10.1093/neuros/nyx091. Review. PubMed PMID: 28387823; PubMed Central PMCID: PMC5808153.

466: Merchant-Borna K, Jones CM, Janigro M, Wasserman EB, Clark RA, Bazarian JJ. Evaluation of Nintendo Wii Balance Board as a Tool for Measuring Postural Stability After Sport-Related Concussion. *J Athl Train*. 2017 Mar;52(3):245-255. doi: 10.4085/1062-6050-52.1.13. PubMed PMID: 28387551; PubMed Central PMCID: PMC5384822.

467: Yang Z, Jun H, Choi CI, Yoo KH, Cho CH, Hussaini SMQ, Simmons AJ, Kim S, van Deursen JM, Baker DJ, Jang MH. Age-related decline in BubR1 impairs adult hippocampal neurogenesis. *Aging Cell*. 2017 Jun;16(3):598-601. doi: 10.1111/acel.12594. Epub 2017 Apr 6. PubMed PMID: 28383136; PubMed Central PMCID: PMC5418205.

468: Sahgal A, Ruschin M, Ma L, Verbakel W, Larson D, Brown PD. Stereotactic radiosurgery alone for multiple brain metastases? A review of clinical and technical issues. *Neuro Oncol*. 2017 Apr 1;19(suppl_2):ii2-ii15. doi: 10.1093/neuonc/nox001. Review. PubMed PMID: 28380635; PubMed Central PMCID: PMC5463499.

469: Kirkpatrick JP, Soltys SG, Lo SS, Beal K, Shrieve DC, Brown PD. The radiosurgery fractionation quandary: single fraction or hypofractionation? *Neuro Oncol*. 2017 Apr 1;19(suppl_2):ii38-ii49. doi: 10.1093/neuonc/now301. PubMed PMID: 28380634; PubMed Central PMCID: PMC5463582.

470: Kragel JE, Ezzyat Y, Sperling MR, Gorniak R, Worrell GA, Berry BM, Inman C, Lin JJ, Davis KA, Das SR, Stein JM, Jobst BC, Zaghloul KA, Sheth SA, Rizzuto DS, Kahana MJ. Similar patterns of neural activity predict memory function during encoding and retrieval. *Neuroimage*. 2017 Jul 15;155:60-71. doi: 10.1016/j.neuroimage.2017.03.042. Epub 2017 Apr 2. PubMed PMID: 28377210; PubMed Central PMCID: PMC5789770.

471: Tveiten OV, Carlson ML, Link MJ, Lund-Johansen M. Audiovestibular Handicap and Quality of Life in Patients With Vestibular Schwannoma and "Excellent" Hearing. *Neurosurgery*. 2017 Mar 1;80(3):386-392. doi: 10.1227/NEU.0000000000001238. PubMed PMID: 28362961.

472: Becske T, Brinjikji W, Potts MB, Kallmes DF, Shapiro M, Moran CJ, Levy EI, McDougall CG, Szikora I, Lanzino G, Woo HH, Lopes DK, Siddiqui AH, Albuquerque FC, Fiorella DJ, Saatci I, Cekirge SH, Berez AL, Cher DJ, Berentei Z, Marosfoi M, Nelson PK. Long-Term Clinical and Angiographic Outcomes Following Pipeline Embolization Device Treatment of Complex Internal Carotid Artery Aneurysms: Five-Year Results of the Pipeline for Uncoilable or Failed Aneurysms Trial. *Neurosurgery*. 2017 Jan 1;80(1):40-48. doi: 10.1093/neuros/nyw014. PubMed PMID: 28362885.

473: Ji K, Zhang L, Wang L, Wang W. Xanthogranuloma of the sellar region diagnosed by frozen section. *Open Med (Wars)*. 2016 Nov 11;11(1):426-428. doi: 10.1515/med-2016-0076. eCollection 2016. PubMed PMID: 28352831; PubMed Central PMCID: PMC5329863.

474: Nassr A, Aleem IS, Eck JC, Woods B, Ponnappan RK, Donaldson WF 3rd, Kang JD. Does Resection of the Posterior Longitudinal Ligament Impact the Incidence of C5 Palsy After Cervical Corpectomy

Procedures?: A Review of 459 Consecutive Cases. *Spine (Phila Pa 1976)*. 2017 Apr 1;42(7):E392-E397. doi: 10.1097/BRS.0000000000001806. PubMed PMID: 28351070.

475: Hopkins LN, Holmes DR Jr. Public Health Urgency Created by the Success of Mechanical Thrombectomy Studies in Stroke. *Circulation*. 2017 Mar 28;135(13):1188-1190. doi: 10.1161/CIRCULATIONAHA.116.025652. PubMed PMID: 28348088.

476: Liu X, Tian W, Chen H, LoStracco TA, Zhang J, Li MY, Germin B, Wang HZ. Advanced Neuroimaging in the Evaluation of Spinal Cord Tumors and Tumor Mimics: Diffusion Tensor and Perfusion-Weighted Imaging. *Semin Ultrasound CT MR*. 2017 Apr;38(2):163-175. doi: 10.1053/j.sult.2016.07.006. Epub 2016 Jul 12. Review. PubMed PMID: 28347419.

477: Melin BS, Barnholtz-Sloan JS, Wrensch MR, Johansen C, Il'yasova D, Kinnersley B, Ostrom QT, Labreche K, Chen Y, Armstrong G, Liu Y, Eckel-Passow JE, Decker PA, Labussière M, Idbaih A, Hoang-Xuan K, Di Stefano AL, Mokhtari K, Delattre JY, Broderick P, Galan P, Gousias K, Schramm J, Schoemaker MJ, Fleming SJ, Herms S, Heilmann S, Nöthen MM, Wichmann HE, Schreiber S, Swerdlow A, Lathrop M, Simon M, Sanson M, Andersson U, Rajaraman P, Chanock S, Linet M, Wang Z, Yeager M; GliomaScan Consortium, Wiencke JK, Hansen H, McCoy L, Rice T, Kosel ML, Sicotte H, Amos CI, Bernstein JL, Davis F, Lachance D, Lau C, Merrell RT, Shilkraut J, Ali-Osman F, Sadetzki S, Scheurer M, Shete S, Lai RK, Claus EB, Olson SH, Jenkins RB, Houlston RS, Bondy ML. Genome-wide association study of glioma subtypes identifies specific differences in genetic susceptibility to glioblastoma and non-glioblastoma tumors. *Nat Genet*. 2017 May;49(5):789-794. doi: 10.1038/ng.3823. Epub 2017 Mar 27. PubMed PMID: 28346443; PubMed Central PMCID: PMC5558246.

478: Marshall AL, Setty P, Hnatiuk M, Pieper DR. Repair of Frontoethmoidal Encephalocele in the Philippines: An Account of 30 Cases Between 2008-2013. *World Neurosurg*. 2017 Jul;103:19-27. doi: 10.1016/j.wneu.2017.03.063. Epub 2017 Mar 23. PubMed PMID: 28344182.

479: Long NM, Sperling MR, Worrell GA, Davis KA, Gross RE, Lega BC, Jobst BC, Sheth SA, Zaghloul K, Stein JM, Kahana MJ. Contextually Mediated Spontaneous Retrieval Is Specific to the Hippocampus. *Curr Biol*. 2017 Apr 3;27(7):1074-1079. doi: 10.1016/j.cub.2017.02.054. Epub 2017 Mar 23. PubMed PMID: 28343962; PubMed Central PMCID: PMC5789776.

480: Alshehri A, Abulaban A, Bokhari R, Kojan S, Alsalamah M, Ferwana M, Murad MH. Intravenous Versus Nonintravenous Benzodiazepines for the Cessation of Seizures: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *Acad Emerg Med*. 2017 Jul;24(7):875-883. doi: 10.1111/acem.13190. Epub 2017 May 11. Review. PubMed PMID: 28342192.

481: Gu AP, Gu CN, Ahmed AT, Murad MH, Wang Z, Kallmes DF, Brinjikji W. Sham surgical procedures for pain intervention result in significant improvements in pain: systematic-review and meta-analysis: Metaepidemiologic research requires reporting requirements. *J Clin Epidemiol*. 2017 Jul;87:108. doi: 10.1016/j.jclinepi.2017.03.006. Epub 2017 Mar 21. PubMed PMID: 28341365.

482: de Oliveira MMR, Ferrarez CE, Ramos TM, Malheiros JA, Nicolato A, Machado CJ, Ferreira MT, de Oliveira FB, de Sousa CFPM, Costa PHV, Gusmao S, Lanzino G, Maestro RD. Learning brain aneurysm microsurgical skills in a human placenta model: predictive validity. *J Neurosurg*. 2018 Mar;128(3):846-852. doi: 10.3171/2016.10.JNS162083. Epub 2017 Mar 24. PubMed PMID: 28338438.

483: Kucewicz MT, Berry BM, Kremen V, Brinkmann BH, Sperling MR, Jobst BC, Gross RE, Lega B, Sheth SA, Stein JM, Das SR, Gorniak R, Stead SM, Rizzuto DS, Kahana MJ, Worrell GA. Dissecting gamma frequency activity during human memory processing. *Brain*. 2017 May 1;140(5):1337-1350. doi: 10.1093/brain/awx043. PubMed PMID: 28335018.

- 484: Popescu BF, Frischer JM, Webb SM, Tham M, Adiele RC, Robinson CA, Fitz-Gibbon PD, Weigand SD, Metz I, Nehzati S, George GN, Pickering IJ, Brück W, Hametner S, Lassmann H, Parisi JE, Yong G, Lucchinetti CF. Pathogenic implications of distinct patterns of iron and zinc in chronic MS lesions. *Acta Neuropathol.* 2017 Jul;134(1):45-64. doi: 10.1007/s00401-017-1696-8. Epub 2017 Mar 22. PubMed PMID: 28332093; PubMed Central PMCID: PMC5486634.
- 485: Rochester L, Galna B, Lord S, Yarnall AJ, Morris R, Duncan G, Khoo TK, Mollenhauer B, Burn DJ. Decrease in A β 42 predicts dopa-resistant gait progression in early Parkinson disease. *Neurology.* 2017 Apr 18;88(16):1501-1511. doi: 10.1212/WNL.0000000000003840. Epub 2017 Mar 22. Erratum in: *Neurology.* 2017 Jul 4;89(1):107. PubMed PMID: 28330963; PubMed Central PMCID: PMC5395075.
- 486: Jiang H, Cui Y, Liu X, Ren X, Lin S. Patient-Specific Resection Strategy of Glioblastoma Multiforme: Choice Based on a Preoperative Scoring Scale. *Ann Surg Oncol.* 2017 Jul;24(7):2006-2014. doi: 10.1245/s10434-017-5843-1. Epub 2017 Mar 20. PubMed PMID: 28321691.
- 487: Petr O, Brinjikji W, Murad MH, Glodny B, Lanzino G. Selective-versus-Standard Poststent Dilation for Carotid Artery Disease: A Systematic Review and Meta-Analysis. *AJNR Am J Neuroradiol.* 2017 May;38(5):999-1005. doi: 10.3174/ajnr.A5103. Epub 2017 Mar 16. Review. PubMed PMID: 28302610.
- 488: Tubbs RS, Maldonado AA, Stoves Y, Fries FN, Li R, Loukas M, Oskouian RJ, Spinner RJ. A novel method of lengthening the accessory nerve for direct coaptation during nerve repair and nerve transfer procedures. *J Neurosurg.* 2018 Jan;128(1):272-276. doi: 10.3171/2016.10.JNS161106. Epub 2017 Mar 3. PubMed PMID: 28298044.
- 489: Zeidman SM. New Developments in Spinal Cord Stimulation. *Spine (Phila Pa 1976).* 2017 Apr 1;42 Suppl 7:S23. doi: 10.1097/BRS.0000000000002033. PubMed PMID: 28296702.
- 490: Ledonio CG, Burton DC, Crawford CH 3rd, Bess RS, Buchowski JM, Hu SS, Lonner BS, Polly DW Jr, Smith JS, Sanders JO. Current Evidence Regarding Diagnostic Imaging Methods for Pediatric Lumbar Spondylolysis: A Report From the Scoliosis Research Society Evidence-Based Medicine Committee. *Spine Deform.* 2017 Mar;5(2):97-101. doi: 10.1016/j.jspd.2016.10.006. Review. PubMed PMID: 28259272.
- 491: Wilson TJ, Hébert-Blouin MN, Murthy NS, Amrami KK, Spinner RJ. Recognition of peroneal intraneuronal ganglia in an historical cohort with "negative" MRIs. *Acta Neurochir (Wien).* 2017 May;159(5):925-930. doi: 10.1007/s00701-017-3130-3. Epub 2017 Mar 3. PubMed PMID: 28258311.
- 492: Beaudin M, Klein CJ, Rouleau GA, Dupré N. Systematic review of autosomal recessive ataxias and proposal for a classification. *Cerebellum Ataxias.* 2017 Feb 23;4:3. doi: 10.1186/s40673-017-0061-y. eCollection 2017. Review. PubMed PMID: 28250961; PubMed Central PMCID: PMC5324265.
- 493: Xiong Y, Mahmood A, Chopp M. Emerging potential of exosomes for treatment of traumatic brain injury. *Neural Regen Res.* 2017 Jan;12(1):19-22. doi: 10.4103/1673-5374.198966. Review. PubMed PMID: 28250732; PubMed Central PMCID: PMC5319225.
- 494: Zhang Y, Zhang ZG, Chopp M, Meng Y, Zhang L, Mahmood A, Xiong Y. Treatment of traumatic brain injury in rats with N-acetyl-seryl-aspartyl-lysyl-proline. *J Neurosurg.* 2017 Mar;126(3):782-795. doi: 10.3171/2016.3.JNS152699. Epub 2016 May 20. PubMed PMID: 28245754; PubMed Central PMCID: PMC5116431.
- 495: Laumonerie P, Capek S, Amrami KK, Dyck PJ, Spinner RJ. Targeted fascicular biopsy of the brachial plexus: rationale and operative technique. *Neurosurg Focus.* 2017 Mar;42(3):E9. doi: 10.3171/2017.1.FOCUS16404. PubMed PMID: 28245733.

- 496: Henning PT, Wilson TJ, Willsey M, John JK, Popadich M, Yang LJ. Pilot study of intraoperative ultrasound-guided instrument placement in nerve transection surgery for peripheral nerve pain syndromes. *Neurosurg Focus*. 2017 Mar;42(3):E6. doi: 10.3171/2017.1.FOCUS16438. PubMed PMID: 28245671.
- 497: Wilson TJ, Hébert-Blouin MN, Murthy NS, García JJ, Amrami KK, Spinner RJ. The nearly invisible intraneuronal cyst: a new and emerging part of the spectrum. *Neurosurg Focus*. 2017 Mar;42(3):E10. doi: 10.3171/2016.12.FOCUS16439. PubMed PMID: 28245669.
- 498: Verma V, Shostrom VK, Zhen W, Zhang M, Braunstein SE, Holland J, Hallemeier CL, Harkenrider MM, Iskhanian A, Jabbour SK, Attia A, Lee P, Wang K, Decker RH, McGarry RC, Simone CB 2nd. Influence of Fractionation Scheme and Tumor Location on Toxicities After Stereotactic Body Radiation Therapy for Large (≥ 5 cm) Non-Small Cell Lung Cancer: A Multi-institutional Analysis. *Int J Radiat Oncol Biol Phys*. 2017 Mar 15;97(4):778-785. doi: 10.1016/j.ijrobp.2016.11.049. Epub 2016 Dec 2. PubMed PMID: 28244414.
- 499: Watts CR, Gregory AJ, Frisbie CP, Lovas S. Structural properties of amyloid β (1-40) dimer explored by replica exchange molecular dynamics simulations. *Proteins*. 2017 Jun;85(6):1024-1045. doi: 10.1002/prot.25270. Epub 2017 Mar 17. PubMed PMID: 28241387.
- 500: Telomeres Mendelian Randomization Collaboration, Haycock PC, Burgess S, Nounou A, Zheng J, Okoli GN, Bowden J, Wade KH, Timpson NJ, Evans DM, Willeit P, Aviv A, Gaunt TR, Hemani G, Mangino M, Ellis HP, Kurian KM, Pooley KA, Eeles RA, Lee JE, Fang S, Chen WV, Law MH, Bowdler LM, Iles MM, Yang Q, Worrall BB, Markus HS, Hung RJ, Amos CI, Spurdle AB, Thompson DJ, O'Mara TA, Wolpin B, Amundadottir L, Stolzenberg-Solomon R, Trichopoulou A, Onland-Moret NC, Lund E, Duell EJ, Canzian F, Severi G, Overvad K, Gunter MJ, Tumino R, Svenson U, van Rij A, Baas AF, Bown MJ, Samani NJ, van 't Hof FNG, Tromp G, Jones GT, Kuivaniemi H, Elmore JR, Johansson M, McKay J, Scelo G, Carreras-Torres R, Gaborieau V, Brennan P, Bracci PM, Neale RE, Olson SH, Gallinger S, Li D, Petersen GM, Risch HA, Klein AP, Han J, Abnet CC, Freedman ND, Taylor PR, Maris JM, Aben KK, Kiemeney LA, Vermeulen SH, Wiencke JK, Walsh KM, Wrensch M, Rice T, Turnbull C, Litchfield K, Paternoster L, Standl M, Abecasis GR, SanGiovanni JP, Li Y, Mijatovic V, Sapkota Y, Low SK, Zondervan KT, Montgomery GW, Nyholt DR, van Heel DA, Hunt K, Arking DE, Ashar FN, Sotoodehnia N, Woo D, Rosand J, Comeau ME, Brown WM, Silverman EK, Hokanson JE, Cho MH, Hui J, Ferreira MA, Thompson PJ, Morrison AC, Felix JF, Smith NL, Christiano AM, Petukhova L, Betz RC, Fan X, Zhang X, Zhu C, Langefeld CD, Thompson SD, Wang F, Lin X, Schwartz DA, Fingerlin T, Rotter JI, Cotch MF, Jensen RA, Munz M, Dommisch H, Schaefer AS, Han F, Ollila HM, Hillary RP, Albagha O, Ralston SH, Zeng C, Zheng W, Shu XO, Reis A, Uebe S, Hüffmeier U, Kawamura Y, Otowa T, Sasaki T, Hibberd ML, Davila S, Xie G, Siminovitch K, Bei JX, Zeng YX, Försti A, Chen B, Landi S, Franke A, Fischer A, Ellinghaus D, Flores C, Noth I, Ma SF, Foo JN, Liu J, Kim JW, Cox DG, Delattre O, Mirabeau O, Skibola CF, Tang CS, Garcia-Barcelo M, Chang KP, Su WH, Chang YS, Martin NG, Gordon S, Wade TD, Lee C, Kubo M, Cha PC, Nakamura Y, Levy D, Kimura M, Hwang SJ, Hunt S, Spector T, Soranzo N, Manichaikul AW, Barr RG, Kahali B, Speliotes E, Yerges-Armstrong LM, Cheng CY, Jonas JB, Wong TY, Fogh I, Lin K, Powell JF, Rice K, Relton CL, Martin RM, Davey Smith G. Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. *JAMA Oncol*. 2017 May 1;3(5):636-651. doi: 10.1001/jamaoncol.2016.5945. PubMed PMID: 28241208; PubMed Central PMCID: PMC5638008.
- 501: Mahan MA, Ray WZ, Yang LJ, Spinner RJ. Introduction: Peripheral nerve surgery. *Neurosurg Focus*. 2017 Mar;42(3):E1. doi: 10.3171/2017.1.FOCUS178. PubMed PMID: 28240559.
- 502: Tayeb BO, Eidelman A, Eidelman CL, McNicol ED, Carr DB. Topical anaesthetics for pain control during repair of dermal laceration. *Cochrane Database Syst Rev*. 2017 Feb 22;2:CD005364. doi:

10.1002/14651858.CD005364.pub3. Review. PubMed PMID: 28230244.

503: Nejad-Davarani SP, Bagher-Ebadian H, Ewing JR, Noll DC, Mikkelsen T, Chopp M, Jiang Q. A parametric model of the brain vascular system for estimation of the arterial input function (AIF) at the tissue level. *NMR Biomed.* 2017 May;30(5). doi: 10.1002/nbm.3695. Epub 2017 Feb 17. PubMed PMID: 28211963; PubMed Central PMCID: PMC5489236.

504: Nejad-Davarani SP, Bagher-Ebadian H, Ewing JR, Noll DC, Mikkelsen T, Chopp M, Jiang Q. An extended vascular model for less biased estimation of permeability parameters in DCE-T1 images. *NMR Biomed.* 2017 Jun;30(6). doi: 10.1002/nbm.3698. Epub 2017 Feb 17. PubMed PMID: 28211961; PubMed Central PMCID: PMC5489235.

505: Soghomonyan S, Stoica N, Sandhu GS, Pasternak JJ, Bergese SD. The Role of Permissive and Induced Hypotension in Current Neuroanesthesia Practice. *Front Surg.* 2017 Jan 30;4:1. doi: 10.3389/fsurg.2017.00001. eCollection 2017. PubMed PMID: 28194399; PubMed Central PMCID: PMC5276854.

506: Wang M, Ding F, Deng S, Guo X, Wang W, Iliff JJ, Nedergaard M. Focal Solute Trapping and Global Glymphatic Pathway Impairment in a Murine Model of Multiple Microinfarcts. *J Neurosci.* 2017 Mar 15;37(11):2870-2877. doi: 10.1523/JNEUROSCI.2112-16.2017. Epub 2017 Feb 10. PubMed PMID: 28188218; PubMed Central PMCID: PMC5354332.

507: Balofsky A, George J, Papadakos P. Neuropulmonology. *Handb Clin Neurol.* 2017;140:33-48. doi: 10.1016/B978-0-444-63600-3.00003-9. Review. PubMed PMID: 28187807.

508: Lansky AJ, Messé SR, Brickman AM, Dwyer M, van der Worp HB, Lazar RM, Pietras CG, Abrams KJ, McFadden E, Petersen NH, Browndyke J, Prendergast B, Ng VG, Cutlip DE, Kapadia S, Krucoff MW, Linke A, Moy CS, Schofer J, van Es GA, Virmani R, Popma J, Parides MK, Kodali S, Bilello M, Zivadinov R, Akar J, Furie KL, Gress D, Voros S, Moses J, Greer D, Forrest JK, Holmes D, Kappetein AP, Mack M, Baumbach A. Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials: An Academic Research Consortium Initiative. *J Am Coll Cardiol.* 2017 Feb 14;69(6):679-691. doi: 10.1016/j.jacc.2016.11.045. Review. PubMed PMID: 28183511.

509: O'Connell BP, Hunter JB, Carlson ML, Isaacson B, Rivas A, Wanna GB. Utility of an Ultrasonic Aspirator in Transcanal Endoscopic Resection of Temporal Bone Paraganglioma. *J Neurol Surg B Skull Base.* 2017 Feb;78(1):96-98. doi: 10.1055/s-0036-1585090. Epub 2016 Jul 26. PubMed PMID: 28180050; PubMed Central PMCID: PMC5289267.

510: Cervenka MC, Hocker S, Koenig M, Bar B, Henry-Barron B, Kossoff EH, Hartman AL, Probasco JC, Benavides DR, Venkatesan A, Hagen EC, Dittrich D, Stern T, Radzik B, Depew M, Caserta FM, Nyquist P, Kaplan PW, Geocadin RG. Phase I/II multicenter ketogenic diet study for adult superrefractory status epilepticus. *Neurology.* 2017 Mar 7;88(10):938-943. doi: 10.1212/WNL.0000000000003690. Epub 2017 Feb 8. PubMed PMID: 28179470; PubMed Central PMCID: PMC5333514.

511: Tivnan A, Heilinger T, Ramsey JM, O'Connor G, Pokorny JL, Sarkaria JN, Stringer BW, Day BW, Boyd AW, Kim EL, Lode HN, Cryan SA, Prehn JH. Anti-GD2-ch14.18/CHO coated nanoparticles mediate glioblastoma (GBM)-specific delivery of the aromatase inhibitor, Letrozole, reducing proliferation, migration and chemoresistance in patient-derived GBM tumor cells. *Oncotarget.* 2017 Mar 7;8(10):16605-16620. doi: 10.18632/oncotarget.15073. PubMed PMID: 28178667; PubMed Central PMCID: PMC5369988.

512: Prasad NK, Tubbs RS, Amrami KK, Dyck PJB, Mauermann ML, Giannini C, de Divitiis O, Spinner RJ. Can Intraneural Perineuriomas Occur Intradurally? An Anatomic Perspective. *Neurosurgery.* 2017 Feb

1;80(2):226-234. doi: 10.1093/neuros/nyw028. Review. PubMed PMID: 28173435.

513: Lansky AJ, Messé SR, Brickman AM, Dwyer M, Bart van der Worp H, Lazar RM, Pietras CG, Abrams KJ, McFadden E, Petersen NH, Browndyke J, Prendergast B, Ng VG, Cutlip DE, Kapadia S, Krucoff MW, Linke A, Scala Moy C, Schofer J, van Es GA, Virmani R, Popma J, Parides MK, Kodali S, Bilello M, Zivadinov R, Akar J, Furie KL, Gress D, Voros S, Moses J, Greer D, Forrest JK, Holmes D, Kappetein AP, Mack M, Baumbach A. Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials: An Academic Research Consortium Initiative. *Eur Heart J.* 2018 May 14;39(19):1687-1697. doi: 10.1093/eurheartj/ehx037. PubMed PMID: 28171522; PubMed Central PMCID: PMC6251670.

514: Shankar GM, Abedalthagafi M, Vaubel RA, Merrill PH, Nayyar N, Gill CM, Brewster R, Bi WL, Agarwalla PK, Thorner AR, Reardon DA, Al-Mefty O, Wen PY, Alexander BM, van Hummelen P, Batchelor TT, Ligon KL, Ligon AH, Meyerson M, Dunn IF, Beroukhim R, Louis DN, Perry A, Carter SL, Giannini C, Curry WT Jr, Cahill DP, Barker FG 2nd, Brastianos PK, Santagata S. Germline and somatic BAP1 mutations in high-grade rhabdoid meningiomas. *Neuro Oncol.* 2017 Apr 1;19(4):535-545. doi: 10.1093/neuonc/now235. PubMed PMID: 28170043; PubMed Central PMCID: PMC5464371.

515: Brinjikji W, Cloft H, Cekirge S, Fiorella D, Hanel RA, Jabbour P, Lylyk P, McDougall C, Moran C, Siddiqui A, Szikora I, Kallmes DF. Lack of Association between Statin Use and Angiographic and Clinical Outcomes after Pipeline Embolization for Intracranial Aneurysms. *AJNR Am J Neuroradiol.* 2017 Apr;38(4):753-758. doi: 10.3174/ajnr.A5078. Epub 2017 Feb 2. PubMed PMID: 28154128.

516: Alderazi YJ, Shastri D, Wessel J, Mathew M, Kass-Hout T, Aziz SR, Prestigiacomo CJ, Gandhi CD. Internal Maxillary Artery Preoperative Embolization Using n-Butyl Cyanoacrylate and Pushable Coils for Temporomandibular Joint Ankylosis Surgery. *World Neurosurg.* 2017 May;101:254-258. doi: 10.1016/j.wneu.2017.01.086. Epub 2017 Jan 31. PubMed PMID: 28153614.

517: Tuominen M, Hänninen T, Parkkari J, Stuart MJ, Luoto T, Kannus P, Aubry M. Concussion in the international ice hockey World Championships and Olympic Winter Games between 2006 and 2015. *Br J Sports Med.* 2017 Feb;51(4):244-252. doi: 10.1136/bjsports-2016-097119. PubMed PMID: 28148512.

518: McIvor WR, Banerjee A, Boulet JR, Bekhuis T, Tseytlin E, Torsher L, DeMaria S Jr, Rask JP, Shotwell MS, Burden A, Cooper JB, Gaba DM, Levine A, Park C, Sinz E, Steadman RH, Weinger MB. A Taxonomy of Delivery and Documentation Deviations During Delivery of High-Fidelity Simulations. *Simul Healthc.* 2017 Feb;12(1):1-8. doi: 10.1097/SIH.0000000000000184. PubMed PMID: 28146449.

519: Kim EJ, Chotai S, Archer KR, Bydon M, Asher AL, Devin CJ. Need for Two-Year Patient-Reported Outcomes Score for Lumbar Spine Surgery Is Procedure-Specific: Analysis From a Prospective Longitudinal Spine Registry. *Spine (Phila Pa 1976).* 2017 Sep 1;42(17):1331-1338. doi: 10.1097/BRS.0000000000002087. PubMed PMID: 28146018.

520: Brinjikji W, Amar AP, Delgado Almandoz JE, Diaz O, Jabbour P, Hanel R, Hui F, Kelly M, Layton KD, Miller JW, Levy E, Moran C, Suh DC, Woo H, Sellar R, Ho B, Evans A, Kallmes DF. GEL THE NEC: a prospective registry evaluating the safety, ease of use, and efficacy of the HydroSoft coil as a finishing device. *J Neurointerv Surg.* 2018 Jan;10(1):83-87. doi: 10.1136/neurintsurg-2016-012915. Epub 2017 Jan 30. PubMed PMID: 28138062.

521: Macki M, Uzosike A, Kerezoudis P, Bydon A, Bydon M, Gokaslan ZL. Duration of indwelling drain following instrumented posterolateral fusion of the lumbar spine does not predict surgical site infection requiring reoperation. *J Clin Neurosci.* 2017 Jun;40:44-48. doi: 10.1016/j.jocn.2016.12.008. Epub 2017 Jan 20. PubMed PMID: 28117258.

- 522: Smith DI, Chiem JL, Burk S, Borovcanin ZC, Tran NH. Hemodynamic instability and Horner's syndrome following a labour lumbar neuraxial block: A warning sign of a potentially lethal event? *J R Soc Med.* 2017 Jun;110(6):245-248. doi: 10.1177/0141076816681745. Epub 2017 Jan 24. PubMed PMID: 28116954.
- 523: DeLong WB, Polissar NL, Neradilek MB, Laam LA. Cauda Equina Syndrome: The Importance of Including Small Studies in a Meta-Analysis: Comment on "Timing of Surgical Intervention in Cauda Equina Syndrome: A Systematic Critical Review". *World Neurosurg.* 2017 Jan;97:728-730. doi: 10.1016/j.wneu.2016.09.047. PubMed PMID: 28109508.
- 524: Hibar DP, Adams HHH, Jahanshad N, Chauhan G, Stein JL, Hofer E, Renteria ME, Bis JC, Arias-Vasquez A, Ikram MK, Desrivières S, Vernooy MW, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beecham AH, Beiser A, Bernard M, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chen Q, Ching CRK, Chouraki V, Cuellar-Partida G, Crivello F, Den Braber A, Doan NT, Ehrlich S, Giddaluru S, Goldman AL, Gottesman RF, Grimm O, Griswold ME, Guadalupe T, Gutman BA, Hass J, Haukvik UK, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Jørgensen KN, Karbalai N, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liewald DCM, Lopez LM, Luciano M, Macare C, Marquand AF, Matarin M, Mather KA, Mattheisen M, McKay DR, Milaneschi Y, Muñoz Maniega S, Nho K, Nugent AC, Nyquist P, Loohuis LMO, Oosterlaan J, Papmeyer M, Pirpamer L, Pütz B, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Ropele S, Rose EJ, Royle NA, Rundek T, Sämann PG, Saremi A, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Trompet S, Vaidya D, Van der Grond J, Van der Lee SJ, Van der Meer D, Van Donkelaar MMJ, Van Eijk KR, Van Erp TGM, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Wittfeld K, Woldehawariat G, Wolf C, Wolfers T, Yanek LR, Yang J, Zijdenbos A, Zwiers MP, Agartz I, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Craen AJM, De Geus EJC, De Jager PL, De Zubicaray GI, Deary IJ, Debette S, DeCarli C, Delanty N, Depondt C, DeStefano A, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Enzinger C, Erk S, Espeseth T, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Fornage M, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HHH, Green RC, Gruber O, Gudnason V, Guelfi S, Håberg AK, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Huettel M, Hulshoff Pol HE, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon FJ, McMahon KL, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühlleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BWJH, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JL, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schmidt H, Schofield PR, Sigursson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Tsolaki M, Tzourio C, Uitterlinden AG, Hernández MCV, Van der Brug M, van der Lugt A, van der Wee NJA, Van Haren NEM, van 't Ent D, Van Tol MJ, Vardarajan BN, Vellas B, Veltman DJ, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke RH, Zonderman AB, Martin NG, Van Duijn CM, Wright MJ, Longstreth WT, Schumann G, Grabe HJ, Franke B, Launer LJ, Medland SE, Seshadri S, Thompson PM, Ikram MA. Novel genetic loci associated with

hippocampal volume. *Nat Commun.* 2017 Jan 18;8:13624. doi: 10.1038/ncomms13624. PubMed PMID: 28098162; PubMed Central PMCID: PMC5253632.

525: Achariyar TM, Li B, Peng W, Verghese PB, Shi Y, McConnell E, Benraiss A, Kasper T, Song W, Takano T, Holtzman DM, Nedergaard M, Deane R. Erratum to: Glymphatic distribution of CSF-derived apoE into brain is isoform specific and suppressed during sleep deprivation. *Mol Neurodegener.* 2017 Jan 12;12(1):3. doi: 10.1186/s13024-016-0147-7. PubMed PMID: 28081701; PubMed Central PMCID: PMC5234150.

526: Laurens J, Liu S, Yu XJ, Chan R, Dickman D, DeAngelis GC, Angelaki DE. Transformation of spatiotemporal dynamics in the macaque vestibular system from otolith afferents to cortex. *eLife.* 2017 Jan 11;6. pii: e20787. doi: 10.7554/eLife.20787. PubMed PMID: 28075326; PubMed Central PMCID: PMC5226653.

527: Sejkorová A, Petr O, Mulino M, Cihlář J, Hejčl A, Thomé C, Sameš M, Lanzino G. Management of posterior inferior cerebellar artery aneurysms: What factors play the most important role in outcome? *Acta Neurochir (Wien).* 2017 Mar;159(3):549-558. doi: 10.1007/s00701-016-3058-z. Epub 2017 Jan 9. PubMed PMID: 28066873.

528: Gu AP, Gu CN, Ahmed AT, Murad MH, Wang Z, Kallmes DF, Brinjikji W. Sham surgical procedures for pain intervention result in significant improvements in pain: systematic review and meta-analysis. *J Clin Epidemiol.* 2017 Mar;83:18-23. doi: 10.1016/j.jclinepi.2016.12.010. Epub 2017 Jan 4. Review. PubMed PMID: 28063914.

529: Pospisil P, Kazda T, Hynkova L, Bulik M, Dobiaskova M, Burkon P, Laack NN, Slampa P, Jancalek R. Post-WBRT cognitive impairment and hippocampal neuronal depletion measured by in vivo metabolic MR spectroscopy: Results of prospective investigational study. *Radiother Oncol.* 2017 Mar;122(3):373-379. doi: 10.1016/j.radonc.2016.12.013. Epub 2017 Jan 4. PubMed PMID: 28063694.

530: Dyck PJ, Kincaid JC, Dyck PJB, Chaudhry V, Goyal NA, Alves C, Salhi H, Wiesman JF, Labeyrie C, Robinson-Papp J, Cardoso M, Laura M, Ruzhansky K, Cortese A, Brannagan TH 3rd, Khouri J, Khella S, Waddington-Cruz M, Ferreira J, Wang AK, Pinto MV, Ayache SS, Benson MD, Berk JL, Coelho T, Polydefkis M, Gorevic P, Adams DH, Plante-Bordeneuve V, Whelan C, Merlini G, Heitner S, Drachman BM, Conceição I, Klein CJ, Gertz MA, Ackermann EJ, Hughes SG, Mauermann ML, Bergemann R, Lodermeier KA, Davies JL, Carter RE, Litchy WJ. Assessing mNIS+7(Ionis) and international neurologists' proficiency in a familial amyloidotic polyneuropathy trial. *Muscle Nerve.* 2017 Nov;56(5):901-911. doi: 10.1002/mus.25563. Epub 2017 Apr 7. PubMed PMID: 28063170; PubMed Central PMCID: PMC5500439.

531: Magge SN, Snyder K, Sajja A, DeFreitas TA, Hofherr SE, Broth RE, Keating RF, Rogers GF. Identical Twins Discordant for Metopic Craniostosis: Evidence of Epigenetic Influences. *J Craniofac Surg.* 2017 Jan;28(1):14-16. doi: 10.1097/SCS.0000000000003368. PubMed PMID: 28060197.

532: Potts MB, Shapiro M, Zumofen DW, Raz E, Nossek E, DeSousa KG, Becske T, Riina HA, Nelson PK. Parent vessel occlusion after Pipeline embolization of cerebral aneurysms of the anterior circulation. *J Neurosurg.* 2017 Dec;127(6):1333-1341. doi: 10.3171/2016.9.JNS152638. Epub 2017 Jan 6. PubMed PMID: 28059658.

533: Deer TR, Lamer TJ, Pope JE, Falowski SM, Provenzano DA, Slavin K, Golovac S, Arle J, Rosenow JM, Williams K, McRoberts P, Narouze S, Eldabe S, Lad SP, De Andrés JA, Buchser E, Rigoard P, Levy RM, Simpson B, Mekhail N. The Neurostimulation Appropriateness Consensus Committee (NACC) Safety Guidelines for the Reduction of Severe Neurological Injury. *Neuromodulation.* 2017 Jan;20(1):15-30.

doi: 10.1111/ner.12564. Epub 2017 Jan 2. PubMed PMID: 28042918.

534: Deer TR, Pope JE, Hayek SM, Lamer TJ, Veizi IE, Erdek M, Wallace MS, Grider JS, Levy RM, Prager J, Rosen SM, Saulino M, Yaksh TL, De Andrés JA, Abejon Gonzalez D, Vesper J, Schu S, Simpson B, Mekhail N. The Polyanalgesic Consensus Conference (PACC): Recommendations for Intrathecal Drug Delivery: Guidance for Improving Safety and Mitigating Risks. Neuromodulation. 2017 Feb;20(2):155-176. doi: 10.1111/ner.12579. Epub 2017 Jan 2. Review. PubMed PMID: 28042914.

535: Koopman SE, Mahon BZ, Cantlon JF. Evolutionary Constraints on Human Object Perception. Cogn Sci. 2017 Nov;41(8):2126-2148. doi: 10.1111/cogs.12470. Epub 2016 Dec 29. PubMed PMID: 28032661; PubMed Central PMCID: PMC5491377.

536: Carr CM, Plastaras CT, Pingree MJ, Smuck M, Maus TP, Geske JR, El-Yahchouchi CA, McCormick ZL, Kennedy DJ. Immediate Adverse Events in Interventional Pain Procedures: A Multi-Institutional Study. Pain Med. 2016 Dec;17(12):2155-2161. doi: 10.1093/pain/pnw051. Epub 2016 Apr 15. PubMed PMID: 28025351.

537: Duran D, Jin SC, DeSpenza T Jr, Nelson-Williams C, Cogal AG, Abrash EW, Harris PC, Lieske JC, Shimshak SJ, Mane S, Bilguvar K, DiLuna ML, Günel M, Lifton RP, Kahle KT. Digenic mutations of human OCRL paralogs in Dent's disease type 2 associated with Chiari I malformation. Hum Genome Var. 2016 Dec 8;3:16042. doi: 10.1038/hgv.2016.42. eCollection 2016. PubMed PMID: 28018608; PubMed Central PMCID: PMC5143364.

538: Dasarathy S, Mookerjee RP, Rackayova V, Rangroo Thrane V, Vairappan B, Ott P, Rose CF. Ammonia toxicity: from head to toe? Metab Brain Dis. 2017 Apr;32(2):529-538. doi: 10.1007/s11011-016-9938-3. Epub 2016 Dec 24. Review. PubMed PMID: 28012068.

539: Verma V, Simone CB 2nd, Allen PK, Gajjar SR, Shah C, Zhen W, Harkenrider MM, Hallemeier CL, Jabbour SK, Matthiesen CL, Braunstein SE, Lee P, Dilling TJ, Allen BG, Nichols EM, Attia A, Zeng J, Biswas T, Paximadis P, Wang F, Walker JM, Stahl JM, Daly ME, Decker RH, Hales RK, Willers H, Videtic GM, Mehta MP, Lin SH. Multi-Institutional Experience of Stereotactic Ablative Radiation Therapy for Stage I Small Cell Lung Cancer. Int J Radiat Oncol Biol Phys. 2017 Feb 1;97(2):362-371. doi: 10.1016/j.ijrobp.2016.10.041. Epub 2016 Nov 2. PubMed PMID: 28011047.

540: Jimenez-Ruiz F, Arnold B, Tatsui CE, Cata JP. Perioperative and Anesthetic Considerations for Neurosurgical Laser Interstitial Thermal Therapy Ablations. J Neurosurg Anesthesiol. 2018 Jan;30(1):10-17. doi: 10.1097/ANA.0000000000000376. Review. PubMed PMID: 28009635.

541: Elmghirbi R, Nagaraja TN, Brown SL, Panda S, Aryal MP, Keenan KA, Bagher-Ebadian H, Cabral G, Ewing JR. Acute Temporal Changes of MRI-Tracked Tumor Vascular Parameters after Combined Anti-angiogenic and Radiation Treatments in a Rat Glioma Model: Identifying Signatures of Synergism. Radiat Res. 2017 Jan;187(1):79-88. doi: 10.1667/RR14358.1. Epub 2016 Dec 21. PubMed PMID: 28001908; PubMed Central PMCID: PMC5381817.

542: Presley CJ, Soulard PR, Tinetti M, Montori VM, Yu JB, Gross CP. Treatment Burden of Medicare Beneficiaries With Stage I Non-Small-Cell Lung Cancer. J Oncol Pract. 2017 Feb;13(2):e98-e107. doi: 10.1200/JOP.2016.014100. Epub 2016 Dec 20. Erratum in: J Oncol Pract. 2017 Nov;13(11):776. PubMed PMID: 27997301; PubMed Central PMCID: PMC5659117.

543: Horak PC, Meisenhelter S, Song Y, Testorf ME, Kahana MJ, Viles WD, Bujarski KA, Connolly AC, Robbins AA, Sperling MR, Sharan AD, Worrell GA, Miller LR, Gross RE, Davis KA, Roberts DW, Lega B, Sheth SA, Zaghloul KA, Stein JM, Das SR, Rizzuto DS, Jobst BC. Interictal epileptiform discharges impair word recall in multiple brain areas. Epilepsia. 2017 Mar;58(3):373-380. doi: 10.1111/epi.13633.

Epub 2016 Dec 9. PubMed PMID: 27935031; PubMed Central PMCID: PMC5339047.

544: Achariyar TM, Li B, Peng W, Verghese PB, Shi Y, McConnell E, Benraiss A, Kasper T, Song W, Takano T, Holtzman DM, Nedergaard M, Deane R. Glymphatic distribution of CSF-derived apoE into brain is isoform specific and suppressed during sleep deprivation. *Mol Neurodegener*. 2016 Dec 8;11(1):74. Erratum in: *Mol Neurodegener*. 2017 Jan 12;12 (1):3. PubMed PMID: 27931262; PubMed Central PMCID: PMC5146863.

545: Jacobs J, Miller J, Lee SA, Coffey T, Watrous AJ, Sperling MR, Sharan A, Worrell G, Berry B, Lega B, Jobst BC, Davis K, Gross RE, Sheth SA, Ezzyat Y, Das SR, Stein J, Gorniak R, Kahana MJ, Rizzuto DS. Direct Electrical Stimulation of the Human Entorhinal Region and Hippocampus Impairs Memory. *Neuron*. 2016 Dec 7;92(5):983-990. doi: 10.1016/j.neuron.2016.10.062. PubMed PMID: 27930911.

546: Petr O, Coufalová L, Bradáč O, Rehwald R, Glodny B, Beneš V. Safety and Efficacy of Surgical and Endovascular Treatment for Distal Anterior Cerebral Artery Aneurysms: A Systematic Review and Meta-Analysis. *World Neurosurg*. 2017 Apr;100:557-566. doi: 10.1016/j.wneu.2016.11.134. Epub 2016 Dec 5. Review. PubMed PMID: 27923755.

547: Sandwell S, Walter K, Westesson PL. Pseudomeningocele Aspiration and Blood Patch Effectively Treats Positional Headache Associated With Postoperative Lumbosacral Pseudomeningocele. *Spine (Phila Pa 1976)*. 2017 Aug 1;42(15):1139-1144. doi: 10.1097/BRS.0000000000002003. PubMed PMID: 27922581.

548: Deeb W, Giordano JJ, Rossi PJ, Mogilner AY, Gunduz A, Judy JW, Klassen BT, Butson CR, Van Horne C, Deny D, Dougherty DD, Rowell D, Gerhardt GA, Smith GS, Ponce FA, Walker HC, Bronte-Stewart HM, Mayberg HS, Chizeck HJ, Langevin JP, Volkmann J, Ostrem JL, Shute JB, Jimenez-Shahed J, Foote KD, Wagle Shukla A, Rossi MA, Oh M, Pourfar M, Rosenberg PB, Silburn PA, de Hemptinne C, Starr PA, Denison T, Akbar U, Grill WM, Okun MS. Proceedings of the Fourth Annual Deep Brain Stimulation Think Tank: A Review of Emerging Issues and Technologies. *Front Integr Neurosci*. 2016 Nov 22;10:38. eCollection 2016. PubMed PMID: 27920671; PubMed Central PMCID: PMC5119052.

549: Webster LR, Markman J, Cone EJ, Niebler G. Current and future development of extended-release, abuse-deterrent opioid formulations in the United States. *Postgrad Med*. 2017 Jan;129(1):102-110. doi: 10.1080/00325481.2017.1268902. Epub 2016 Dec 12. Review. Erratum in: *Postgrad Med*. 2017 May;129(4):491. PubMed PMID: 27915497.

550: Tveiten ØV, Carlson ML, Goplen F, Myrseth E, Driscoll CLW, Mahesparan R, Link MJ, Lund-Johansen M. Patient- versus physician-reported facial disability in vestibular schwannoma: an international cross-sectional study. *J Neurosurg*. 2017 Nov;127(5):1015-1024. doi: 10.3171/2016.8.JNS16707. Epub 2016 Dec 2. PubMed PMID: 27911236.

551: Kano H, Urgosik D, Liscak R, Pollock BE, Cohen-Inbar O, Sheehan JP, Sharma M, Silva D, Barnett GH, Mathieu D, Sisterson ND, Lunsford LD. Stereotactic radiosurgery for idiopathic glossopharyngeal neuralgia: an international multicenter study. *J Neurosurg*. 2016 Dec;125(Suppl 1):147-153. PubMed PMID: 27903192.

552: Scharf EL, Chakraborty T, Rabinstein A, Miranpuri AS. Endovascular management of cerebral septic embolism: three recent cases and review of the literature. *J Neurointerv Surg*. 2017 May;9(5):463-465. doi: 10.1136/neurintsurg-2016-012792. Epub 2016 Nov 29. Review. PubMed PMID: 27899517.

553: Osorio MJ, Rowitch DH, Tesar P, Wernig M, Windrem MS, Goldman SA. Concise Review: Stem Cell-Based Treatment of Pelizaeus-Merzbacher Disease. *Stem Cells*. 2017 Feb;35(2):311-315. doi:

10.1002/stem.2530. Epub 2016 Nov 23. Review. PubMed PMID: 27882623; PubMed Central PMCID: PMC5314962.

554: Sejkorová A, Dennis KD, Švihlová H, Petr O, Lanzino G, Hejčl A, Dragomir-Daescu D. Hemodynamic changes in a middle cerebral artery aneurysm at follow-up times before and after its rupture: a case report and a review of the literature. *Neurosurg Rev*. 2017 Apr;40(2):329-338. doi: 10.1007/s10143-016-0795-7. Epub 2016 Nov 24. Review. PubMed PMID: 27882440.

555: Baltzer H, Woo A, Oh C, Moran SL. Comparison of Ulnar Intrinsic Function following Supercharge End-to-Side Anterior Interosseous-to-Ulnar Motor Nerve Transfer: A Matched Cohort Study of Proximal Ulnar Nerve Injury Patients. *Plast Reconstr Surg*. 2016 Dec;138(6):1264-1272. PubMed PMID: 27879594.

556: Chen Q, Garcea FE, Almeida J, Mahon BZ. Connectivity-based constraints on category-specificity in the ventral object processing pathway. *Neuropsychologia*. 2017 Oct;105:184-196. doi: 10.1016/j.neuropsychologia.2016.11.014. Epub 2016 Nov 19. PubMed PMID: 27876509; PubMed Central PMCID: PMC5438294.

557: Frontera JA, Lewin JJ 3rd, Rabinstein AA, Aisiku IP, Alexandrov AW, Cook AM, Del Zoppo GJ, Kumar M, Peerschke EI, Stiefel MF, Teitelbaum JS, Wartenberg KE, Zerfoss CL. Guideline for Reversal of Antithrombotics in Intracranial Hemorrhage: Executive Summary. A Statement for Healthcare Professionals From the Neurocritical Care Society and the Society of Critical Care Medicine. *Crit Care Med*. 2016 Dec;44(12):2251-2257. PubMed PMID: 27858808.

558: Manuylova E, Calvi LM, Hastings C, Vates GE, Johnson MD, Cave WT Jr, Shafiq I. Late presentation of acromegaly in medically controlled prolactinoma patients. *Endocrinol Diabetes Metab Case Rep*. 2016;2016. pii: 16-0069. Epub 2016 Oct 17. PubMed PMID: 27855229; PubMed Central PMCID: PMC5093383.

559: Karam I, Yao M, Heron DE, Poon I, Koyfman SA, Yom SS, Siddiqui F, Lartigau E, Cengiz M, Yamazaki H, Hara W, Phan J, Vargo JA, Lee V, Foote RL, Harter KW, Lee NY, Sahgal A, Lo SS. Survey of current practices from the International Stereotactic Body Radiotherapy Consortium (ISBRTC) for head and neck cancers. *Future Oncol*. 2017 Mar;13(7):603-613. doi: 10.2217/fon-2016-0403. Epub 2016 Nov 15. PubMed PMID: 27842456.

560: Brinjikji W, Mossa-Basha M, Huston J, Rabinstein AA, Lanzino G, Lehman VT. Intracranial vessel wall imaging for evaluation of steno-occlusive diseases and intracranial aneurysms. *J Neuroradiol*. 2017 Mar;44(2):123-134. doi: 10.1016/j.neurad.2016.10.003. Epub 2016 Nov 9. Review. PubMed PMID: 27836652.

561: Aust G, Zhu D, Van Meir EG, Xu L. Adhesion GPCRs in Tumorigenesis. *Handb Exp Pharmacol*. 2016;234:369-396. Review. PubMed PMID: 27832497; PubMed Central PMCID: PMC5389670.

562: DeLong WB, Polissar NL, Neradilek MB, Laam LA. Does Early Surgical Decompression in Cauda Equina Syndrome Improve Bladder Outcome?: Comments on a Recent Study by Srikandarajah et al. *Spine (Phila Pa 1976)*. 2016 Nov 15;41(22):1772-1775. PubMed PMID: 27831995.

563: Fernandez-Bustamante A, Frendl G, Sprung J, Kor DJ, Subramaniam B, Martinez Ruiz R, Lee JW, Henderson WG, Moss A, Mehdiratta N, Colwell MM, Bartels K, Kolodzie K, Giquel J, Vidal Melo MF. Postoperative Pulmonary Complications, Early Mortality, and Hospital Stay Following Noncardiothoracic Surgery: A Multicenter Study by the Perioperative Research Network Investigators. *JAMA Surg*. 2017 Feb 1;152(2):157-166. doi: 10.1001/jamasurg.2016.4065. PubMed PMID: 27829093; PubMed Central PMCID: PMC5334462.

- 564: Pingree MJ, Sole JS, O' Brien TG, Eldrige JS, Moeschler SM. Clinical Efficacy of an Ultrasound-Guided Greater Occipital Nerve Block at the Level of C2. *Reg Anesth Pain Med.* 2017 Jan/Feb;42(1):99-104. doi: 10.1097/AAP.0000000000000513. PubMed PMID: 27811528.
- 565: Tubbs RS, Collin PG, D'Antoni AV, Loukas M, Oskouian RJ, Spinner RJ. Sciatic Nerve Intercommunications: New Finding. *World Neurosurg.* 2017 Feb;98:176-181. doi: 10.1016/j.wneu.2016.10.118. Epub 2016 Nov 1. PubMed PMID: 27810453.
- 566: Connelly J, Hormigo A, Mohilie N, Hu J, Chaudhry A, Blondin N. Planning TTFIELDS treatment using the NovoTAL system-clinical case series beyond the use of MRI contrast enhancement. *BMC Cancer.* 2016 Nov 4;16(1):842. PubMed PMID: 27809808; PubMed Central PMCID: PMC5096303.
- 567: Karnezis TT, Baker AB, Soler ZM, Wise SK, Reredy SK, Patel ZM, Oyesiku NM, DelGaudio JM, Hadjipanayis CG, Woodworth BA, Riley KO, Lee J, Cusimano MD, Govindaraj S, Psaltis A, Wormald PJ, Santoreneos S, Sindwani R, Trosman S, Stokken JK, Woodard TD, Recinos PF, Vandergrift WA 3rd, Schlosser RJ. Factors impacting cerebrospinal fluid leak rates in endoscopic sellar surgery. *Int Forum Allergy Rhinol.* 2016 Nov;6(11):1117-1125. doi: 10.1002/alr.21783. Epub 2016 Aug 23. PubMed PMID: 27552303.
- 568: Le Rhun E, Galanis E. Leptomeningeal metastases of solid cancer. *Curr Opin Neurol.* 2016 Dec;29(6):797-805. Review. PubMed PMID: 27661208.
- 569: Dougherty DD, Chou T, Corse AK, Arulpragasam AR, Widge AS, Cusin C, Evans KC, Greenberg BD, Haber SN, Deckersbach T. Acute deep brain stimulation changes in regional cerebral blood flow in obsessive-compulsive disorder. *J Neurosurg.* 2016 Nov;125(5):1087-1093. Epub 2016 Feb 19. PubMed PMID: 26894459.
- 570: Adams HH, Hibar DP, Chouraki V, Stein JL, Nyquist PA, Rentería ME, Trompet S, Arias-Vasquez A, Seshadri S, Desrivières S, Beecham AH, Jahanshad N, Wittfeld K, Van der Lee SJ, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beiser A, Bernard M, Bis JC, Blanken LM, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chauhan G, Chen Q, Ching CR, Cuellar-Partida G, Braber AD, Doan NT, Ehrlich S, Filippi I, Ge T, Giddaluru S, Goldman AL, Gottesman RF, Greven CU, Grimm O, Griswold ME, Guadalupe T, Hass J, Haukvik UK, Hilal S, Hofer E, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liao J, Liewald DC, Lopez LM, Luciano M, Macare C, Marquand A, Matarin M, Mather KA, Mattheisen M, Mazoyer B, McKay DR, McWhirter R, Milaneschi Y, Mirza-Schreiber N, Muetzel RL, Maniega SM, Nho K, Nugent AC, Loohuis LM, Oosterlaan J, Papmeyer M, Pappa I, Pirpamer L, Pudas S, Pütz B, Rajan KB, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Rose EJ, Royle NA, Rundek T, Sämann PG, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Thomson R, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Vaidya D, Van der Grond J, Van der Meer D, Van Donkelaar MM, Van Eijk KR, Van Erp TG, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Woldehawariat G, Wolf C, Wolfers T, Xu B, Yanek LR, Yang J, Zijdenbos A, Zwiers MP, Agartz I, Aggarwal NT, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Chen C, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Geus EJ, De Jager PL, de Zubizaray GI, Delanty N, Depondt C, DeStefano AL, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Erk S, Espeseth T, Evans DA, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HH, Grabe HJ, Green RC, Gruber O, Gudnason V, Guelfi S, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S,

Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Hulshoff Pol HE, Ikeda M, Ikram MK, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Longstreth WT Jr, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon KL, McMahon FJ, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühlleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BW, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schofield PR, Sigurdsson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Srikanth V, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Tiemeier H, Toga AW, Traynor BJ, Troncoso J, Turner JA, Tzourio C, Uitterlinden AG, Hernández MC, Van der Brug M, Van der Lugt A, Van der Wee NJ, Van Duijn CM, Van Haren NE, Van Ent D, Van Tol MJ, Vardarajan BN, Veltman DJ, Vernooij MW, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke HR, Zondeman AB, Deary IJ, DeCarli C, Schmidt H, Martin NG, De Craen AJ, Wright MJ, Launer LJ, Schumann G, Fornage M, Franke B, Debette S, Medland SE, Ikram MA, Thompson PM. Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nat Neurosci.* 2016 Dec;19(12):1569-1582. doi: 10.1038/nn.4398. Epub 2016 Oct 3. PubMed PMID: 27694991; PubMed Central PMCID: PMC5227112.

571: Kallmes DF, Brinjikji W, Cekirge S, Fiorella D, Hanel RA, Jabbour P, Lopes D, Lylyk P, McDougall CG, Siddiqui A. Safety and efficacy of the Pipeline embolization device for treatment of intracranial aneurysms: a pooled analysis of 3 large studies. *J Neurosurg.* 2017 Oct;127(4):775-780. doi: 10.3171/2016.8.JNS16467. Epub 2016 Oct 28. PubMed PMID: 27791519.

572: Pocock SJ, Bakris G, Bhatt DL, Brar S, Fahy M, Gersh BJ. Regression to the Mean in SYMPLICITY HTN-3: Implications for Design and Reporting of Future Trials. *J Am Coll Cardiol.* 2016 Nov 1;68(18):2016-2025. doi: 10.1016/j.jacc.2016.07.775. PubMed PMID: 27788856.

573: Garzon MC, Epstein LG, Heyer GL, Frommelt PC, Orbach DB, Baylis AL, Blei F, Burrows PE, Chamlin SL, Chun RH, Hess CP, Joachim S, Johnson K, Kim W, Liang MG, Maheshwari M, McCoy GN, Metry DW, Monrad PA, Pope E, Powell J, Shwayder TA, Siegel DH, Tollefson MM, Vadivelu S, Lew SM, Frieden IJ, Drolet BA. PHACE Syndrome: Consensus-Derived Diagnosis and Care Recommendations. *J Pediatr.* 2016 Nov;178:24-33.e2. doi: 10.1016/j.jpeds.2016.07.054. Epub 2016 Sep 19. Review. PubMed PMID: 27659028.

574: Nguyen NP, Godinez J, Shen W, Vinh-Hung V, Gorobets H, Thariat J, Ampil F, Vock J, Karlsson U, Chi A; International Geriatric Radiotherapy Group. Is surgery indicated for elderly patients with early stage nonsmall cell lung cancer, in the era of stereotactic body radiotherapy? *Medicine (Baltimore).* 2016 Oct;95(43):e5212. Review. PubMed PMID: 27787380; PubMed Central PMCID: PMC5089109.

575: Xu J, Sisniega A, Zbijewski W, Dang H, Stayman JW, Mow M, Wang X, Foos DH, Koliatsos VE, Aygun N, Siewerssen JH. Technical assessment of a prototype cone-beam CT system for imaging of acute intracranial hemorrhage. *Med Phys.* 2016 Oct;43(10):5745. PubMed PMID: 27782694.

576: El-Ghanem M, Kass-Hout T, Kass-Hout O, Alderazi YJ, Amuluru K, Al-Mufti F, Prestigiacomo CJ, Gandhi CD. Arteriovenous Malformations in the Pediatric Population: Review of the Existing Literature. *Interv Neurol.* 2016 Sep;5(3-4):218-225. Epub 2016 Sep 1. Review. PubMed PMID: 27781052; PubMed Central PMCID: PMC5075815.

577: Weiner AA, Olsen J, Ma D, Dyk P, DeWees T, Myerson RJ, Parikh P. Stereotactic body radiotherapy for primary hepatic malignancies - Report of a phase I/II institutional study. *Radiother Oncol.* 2016

Oct;121(1):79-85. doi: 10.1016/j.radonc.2016.07.020. Epub 2016 Aug 23. PubMed PMID: 27566894; PubMed Central PMCID: PMC5543719.

578: Wise SC, Carlson ML, Tveiten ØV, Driscoll CL, Myrseth E, Lund-Johansen M, Link MJ. Surgical salvage of recurrent vestibular schwannoma following prior stereotactic radiosurgery. *Laryngoscope*. 2016 Nov;126(11):2580-2586. doi: 10.1002/lary.25943. Epub 2016 Apr 23. PubMed PMID: 27107262.

579: Bydon M, Macki M, Kerezoudis P, Sciubba DM, Wolinsky JP, Witham TF, Gokaslan ZL, Bydon A. The incidence of adjacent segment disease after lumbar discectomy: A study of 751 patients. *J Clin Neurosci*. 2017 Jan;35:42-46. doi: 10.1016/j.jocn.2016.09.027. Epub 2016 Oct 17. PubMed PMID: 27765560.

580: Tomlinson SB, Venkataraman A. Secondary generalization of focal-onset seizures: examining the relationship between seizure propagation and epilepsy surgery outcome. *J Neurophysiol*. 2017 Apr 1;117(4):1426-1430. doi: 10.1152/jn.00739.2016. Epub 2016 Oct 5. PubMed PMID: 27707815; PubMed Central PMCID: PMC5376605.

581: Macki M, Syeda S, Rajjoub KR, Kerezoudis P, Bydon A, Wolinsky JP, Witham T, Sciubba DM, Bydon M, Gokaslan Z. The Effect of Smoking Status on Successful Arthrodesis After Lumbar Instrumentation Supplemented with rhBMP-2. *World Neurosurg*. 2017 Jan;97:459-464. doi: 10.1016/j.wneu.2016.10.030. Epub 2016 Oct 15. PubMed PMID: 27756663.

582: Lehman VT, Brinjikji W, Kallmes DF, Huston J Rd, Lanzino G, Rabinstein AA, Makol A, Mossa-Bosha M. Clinical interpretation of high-resolution vessel wall MRI of intracranial arterial diseases. *Br J Radiol*. 2016 Nov;89(1067):20160496. Epub 2016 Sep 20. Review. PubMed PMID: 27585640; PubMed Central PMCID: PMC5124847.

583: Dea N, Charest-Morin R, Sciubba DM, Bird JE, Disch AC, Mesfin A, Lazáry Á, Fisher CG, Ames C. Optimizing the Adverse Event and HRQOL Profiles in the Management of Primary Spine Tumors. *Spine (Phila Pa 1976)*. 2016 Oct 15;41 Suppl 20:S212-S217. Review. PubMed PMID: 27753783.

584: Ailon T, Torabi R, Fisher CG, Rhines LD, Clarke MJ, Bettegowda C, Boriani S, Yamada YJ, Kawahara N, Varga PP, Shin JH, Saghal A, Gokaslan ZL. Management of Locally Recurrent Chordoma of the Mobile Spine and Sacrum: A Systematic Review. *Spine (Phila Pa 1976)*. 2016 Oct 15;41 Suppl 20:S193-S198. Review. PubMed PMID: 27753782; PubMed Central PMCID: PMC5552168.

585: Mesfin A, Sciubba DM, Dea N, Nater A, Bird JE, Quraishi NA, Fisher CG, Shin JH, Fehlings MG, Kumar N, Clarke MJ. Changing the Adverse Event Profile in Metastatic Spine Surgery: An Evidence-Based Approach to Target Wound Complications and Instrumentation Failure. *Spine (Phila Pa 1976)*. 2016 Oct 15;41 Suppl 20:S262-S270. PubMed PMID: 27509194.

586: Laufer I, Zuckerman SL, Bird JE, Bilsky MH, Lazáry Á, Quraishi NA, Fehlings MG, Sciubba DM, Shin JH, Mesfin A, Sahgal A, Fisher CG. Predicting Neurologic Recovery after Surgery in Patients with Deficits Secondary to MESCC: Systematic Review. *Spine (Phila Pa 1976)*. 2016 Oct 15;41 Suppl 20:S224-S230. Review. PubMed PMID: 27488300; PubMed Central PMCID: PMC5581189.

587: Chang JH, Shin JH, Yamada YJ, Mesfin A, Fehlings MG, Rhines LD, Sahgal A. Stereotactic Body Radiotherapy for Spinal Metastases: What are the Risks and How Do We Minimize Them? *Spine (Phila Pa 1976)*. 2016 Oct 15;41 Suppl 20:S238-S245. Review. PubMed PMID: 27488294; PubMed Central PMCID: PMC5552170.

588: Verma V, Shostrom VK, Kumar SS, Zhen W, Hallemeier CL, Braunstein SE, Holland J, Harkenrider MM, S Iskhanian A, Neboori HJ, Jabbour SK, Attia A, Lee P, Alite F, Walker JM, Stahl JM, Wang K,

Bingham BS, Hadzitheodorou C, Decker RH, McGarry RC, Simone CB 2nd. Multi-institutional experience of stereotactic body radiotherapy for large (≥ 5 centimeters) non-small cell lung tumors. *Cancer*. 2017 Feb 15;123(4):688-696. doi: 10.1002/cncr.30375. Epub 2016 Oct 14. PubMed PMID: 27741355.

589: Collins MW, Kontos AP, Okonkwo DO, Almquist J, Bailes J, Barisa M, Bazarian J, Bloom OJ, Brody DL, Cantu R, Cardenas J, Clugston J, Cohen R, Echemendia R, Elbin RJ, Ellenbogen R, Fonseca J, Gioia G, Guskiewicz K, Heyer R, Hotz G, Iverson GL, Jordan B, Manley G, Maroon J, McAllister T, McCrea M, Mucha A, Pieroth E, Podell K, Pombo M, Shetty T, Sills A, Solomon G, Thomas DG, Valovich McLeod TC, Yates T, Zafonte R. Statements of Agreement From the Targeted Evaluation and Active Management (TEAM) Approaches to Treating Concussion Meeting Held in Pittsburgh, October 15-16, 2015. *Neurosurgery*. 2016 Dec;79(6):912-929. PubMed PMID: 27741219; PubMed Central PMCID: PMC5119544.

590: Becske T, Potts MB, Shapiro M, Kallmes DF, Brinjikji W, Saatci I, McDougall CG, Szikora I, Lanzino G, Moran CJ, Woo HH, Lopes DK, Berez AL, Cher DJ, Siddiqui AH, Levy EI, Albuquerque FC, Fiorella DJ, Berentei Z, Marosföi M, Cekirge SH, Nelson PK. Pipeline for uncoilable or failed aneurysms: 3-year follow-up results. *J Neurosurg*. 2017 Jul;127(1):81-88. doi: 10.3171/2015.6.JNS15311. Epub 2016 Oct 14. PubMed PMID: 27739944.

591: Ritter AC, Wagner AK, Fabio A, Pugh MJ, Walker WC, Szaflarski JP, Zafonte RD, Brown AW, Hammond FM, Bushnik T, Johnson-Greene D, Shea T, Krellman JW, Rosenthal JA, Dreer LE. Incidence and risk factors of posttraumatic seizures following traumatic brain injury: A Traumatic Brain Injury Model Systems Study. *Epilepsia*. 2016 Dec;57(12):1968-1977. doi: 10.1111/epi.13582. Epub 2016 Oct 14. PubMed PMID: 27739577.

592: Petr O, Sejkorová A, Bradáč O, Brinjikji W, Lanzino G. Safety and efficacy of treatment strategies for posterior inferior cerebellar artery aneurysms: a systematic review and meta-analysis. *Acta Neurochir (Wien)*. 2016 Dec;158(12):2415-2428. Epub 2016 Oct 7. Review. PubMed PMID: 27718027.

593: Patel NS, Van Abel KM, Link MJ, Driscoll CL, Van Gompel JJ, Neff BA, Lane JI, Carlson ML. Prevalence and Surgical Implications of Dural Enhancement at the Porus Acusticus in Vestibular Schwannomas. *Otolaryngol Head Neck Surg*. 2016 Dec;155(6):1021-1027. Epub 2016 Oct 4. PubMed PMID: 27703093.

594: Bernstein DN, Jain A, Brodell D, Li Y, Rubery PT, Mesfin A. Impact of the Economic Downturn on Elective Cervical Spine Surgery in the United States: A National Trend Analysis, 2003-2013. *World Neurosurg*. 2016 Dec;96:538-544. doi: 10.1016/j.wneu.2016.09.058. Epub 2016 Sep 22. PubMed PMID: 27667575.

595: Kun-Rodrigues C, Ross OA, Orme T, Shepherd C, Parkkinen L, Darwent L, Hernandez D, Ansorge O, Clark LN, Honig LS, Marder K, Lemstra A, Scheltens P, van der Flier W, Louwersheimer E, Holstege H, Rogaea E, St George-Hyslop P, Londos E, Zetterberg H, Barber I, Braae A, Brown K, Morgan K, Maetzler W, Berg D, Troakes C, Al-Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Trojanowski JQ, Serrano GE, Beach TG, Clarimon J, Lleó A, Morenas-Rodríguez E, Lesage S, Galasko D, Masliah E, Santana I, Diez M, Pastor P, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Escott-Price V, Graff-Radford N, Cairns NJ, Morris JC, Stone DJ, Pickering-Brown S, Mann D, Dickson DW, Halliday GM, Singleton A, Guerreiro R, Bras J. Analysis of C9orf72 repeat expansions in a large international cohort of dementia with Lewy bodies. *Neurobiol Aging*. 2017 Jan;49:214.e13-214.e15. doi: 10.1016/j.neurobiolaging.2016.08.023. Epub 2016 Sep 2. PubMed PMID: 27666590; PubMed Central PMCID: PMC5154872.

- 596: Xu LW, Li A, Swinney C, Babu M, Veeravagu A, Wolfe SQ, Nahed BV, Ratliff JK; in affiliation with the Council of State Neurosurgical Societies. An assessment of data and methodology of online surgeon scorecards. *J Neurosurg Spine*. 2017 Feb;26(2):235-242. doi: 10.3171/2016.7.SPINE16183. Epub 2016 Sep 23. PubMed PMID: 27661563.
- 597: Nagelli CV, Cook JL, Kuroki K, Bozynski C, Ma R, Hewett TE. Does Anterior Cruciate Ligament Innervation Matter for Joint Function and Development of Osteoarthritis? *J Knee Surg*. 2017 May;30(4):364-371. doi: 10.1055/s-0036-1592145. Epub 2016 Sep 20. PubMed PMID: 27648746.
- 598: Johnson AA, Naaldijk Y, Hohaus C, Meisel HJ, Krystel I, Stolzing A. Protective effects of alpha phenyl-tert-butyl nitrone and ascorbic acid in human adipose derived mesenchymal stem cells from differently aged donors. *Aging (Albany NY)*. 2016 Sep 15;9(2):340-352. doi: 10.18632/aging.101035. PubMed PMID: 27638293; PubMed Central PMCID: PMC5361667.
- 599: DeLong WB, Polissar NL, Neradilek MB, Laam LA. A Letter to the Editor regarding, "Time to Surgery and Outcomes in Cauda Equina Syndrome: An Analysis of 45 Cases." Critique of Bydon et al. *World Neurosurg*. 2016 Sep;93:479-82. doi: 10.1016/j.wneu.2016.02.107. PubMed PMID: 27637700.
- 600: Batista N, Tee J, Sciubba D, Sahgal A, Laufer I, Weber M, Gokaslan Z, Rhines L, Fehlings M, Patel S, Raja Rampersaud Y, Reynolds J, Chou D, Bettegowda C, Clarke M, Fisher C. Emerging and established clinical, histopathological and molecular parametric prognostic factors for metastatic spine disease secondary to lung cancer: Helping surgeons make decisions. *J Clin Neurosci*. 2016 Dec;34:15-22. doi: 10.1016/j.jocn.2016.05.023. Epub 2016 Sep 12. Review. PubMed PMID: 27634496.
- 601: Mabud T, Norden J, Veeravagu A, Swinney C, Cole T, McCutcheon BA, Ratliff J. Complications, Readmissions, and Revisions for Spine Procedures Performed by Orthopedic Surgeons Versus Neurosurgeons: A Retrospective, Longitudinal Study. *Clin Spine Surg*. 2017 Dec;30(10):E1376-E1381. doi: 10.1097/BSD.0000000000000426. PubMed PMID: 27623297.
- 602: Shrager P, Youngman M. Preferential conduction block of myelinated axons by nitric oxide. *J Neurosci Res*. 2017 Jul;95(7):1402-1414. doi: 10.1002/jnr.23918. Epub 2016 Sep 10. PubMed PMID: 27614087; PubMed Central PMCID: PMC5346061.
- 603: Markman JD, Jensen TS, Semel D, Li C, Parsons B, Behar R, Sadosky AB. Effects of Pregabalin in Patients with Neuropathic Pain Previously Treated with Gabapentin: A Pooled Analysis of Parallel-Group, Randomized, Placebo-controlled Clinical Trials. *Pain Pract*. 2017 Jul;17(6):718-728. doi: 10.1111/papr.12516. Epub 2016 Dec 1. PubMed PMID: 27611736.
- 604: Menger RP, Thakur JD, Jain G, Nanda A. Impact of insurance precertification on neurosurgery practice and health care delivery. *J Neurosurg*. 2017 Aug;127(2):332-337. doi: 10.3171/2016.5.JNS152135. Epub 2016 Sep 9. PubMed PMID: 27611204.
- 605: Kallmes DF, Brinjikji W, Boccardi E, Ciceri E, Diaz O, Tawk R, Woo H, Jabbour P, Albuquerque F, Chapot R, Bonafe A, Dashti SR, Delgado Almandoz JE, Given C 2nd, Kelly ME, Cross DT 3rd, Duckwiler G, Razack N, Powers CJ, Fischer S, Lopes D, Harrigan MR, Huddle D, Turner R 4th, Zaidat OO, Defreyne L, Pereira VM, Cekirge S, Fiorella D, Hanel RA, Lylyk P, McDougall C, Siddiqui A, Szikora I, Levy E. Aneurysm Study of Pipeline in an Observational Registry (ASPIRe). *Interv Neurol*. 2016 Jun;5(1-2):89-99. doi: 10.1159/000446503. Epub 2016 May 26. PubMed PMID: 27610126; PubMed Central PMCID: PMC4934472.
- 606: Piper K, Algattas H, DeAndrea-Lazarus IA, Kimmell KT, Li YM, Walter KA, Silberstein HJ, Vates GE. Risk factors associated with venous thromboembolism in patients undergoing spine surgery. *J Neurosurg Spine*. 2017 Jan;26(1):90-96. doi: 10.3171/2016.6.SPINE1656. Epub 2016 Sep 2. PubMed

PMID: 27588916.

607: Wang F, Wang X, Shapiro LA, Cotrina ML, Liu W, Wang EW, Gu S, Wang W, He X, Nedergaard M, Huang JH. NKCC1 up-regulation contributes to early post-traumatic seizures and increased post-traumatic seizure susceptibility. *Brain Struct Funct*. 2017 Apr;222(3):1543-1556. doi: 10.1007/s00429-016-1292-z. Epub 2016 Sep 1. PubMed PMID: 27586142; PubMed Central PMCID: PMC5368191.

608: Shahangian A, Soler ZM, Baker A, Wise SK, Rereddy SK, Patel ZM, Oyesiku NM, DelGaudio JM, Hadjipanayis CG, Woodworth BA, Riley KO, Lee J, Cusimano MD, Govindaraj S, Khan MN, Psaltis A, Wormald PJ, Santoreneos S, Sindwani R, Trosman S, Stokken JK, Woodard TD, Recinos PF, Vandergrift WA 3rd, Boling C, Schlosser RJ. Successful repair of intraoperative cerebrospinal fluid leaks improves outcomes in endoscopic skull base surgery. *Int Forum Allergy Rhinol*. 2017 Jan;7(1):80-86. doi: 10.1002/alr.21845. Epub 2016 Aug 31. PubMed PMID: 27579523.

609: Brandel MG, Hirshman BR, McCutcheon BA, Tringale K, Carroll K, Richtand NM, Perry W, Chen CC, Carter BS. The Association between Psychiatric Comorbidities and Outcomes for Inpatients with Traumatic Brain Injury. *J Neurotrauma*. 2017 Mar 1;34(5):1005-1016. doi: 10.1089/neu.2016.4504. Epub 2016 Nov 28. PubMed PMID: 27573722.

610: Isaacs AM, Midha R, Desy NM, Amrami KK, Spinner RJ. The mechanism underlying combined medial and lateral plantar and tibial intraneuronal ganglia in the tarsal tunnel. *Acta Neurochir (Wien)*. 2016 Nov;158(11):2225-2229. Epub 2016 Aug 25. PubMed PMID: 27562681.

611: Smith SM, Gewandter JS, Kitt RA, Markman JD, Vaughan JA, Cowan P, Kopecky EA, Malamut R, Sadosky A, Tive L, Turk DC, Dworkin RH. Participant Preferences for Pharmacologic Chronic Pain Treatment Trial Characteristics: An ACTTION Adaptive Choice-Based Conjoint Study. *J Pain*. 2016 Nov;17(11):1198-1206. doi: 10.1016/j.jpain.2016.07.008. Epub 2016 Aug 20. PubMed PMID: 27555429.

612: Deffains M, Iskhakova L, Katabi S, Haber SN, Israel Z, Bergman H. Subthalamic, not striatal, activity correlates with basal ganglia downstream activity in normal and parkinsonian monkeys. *eLife*. 2016 Aug 23;5. pii: e16443. doi: 10.7554/eLife.16443. PubMed PMID: 27552049; PubMed Central PMCID: PMC5030093.

613: Zhang Y, Chopp M, Zhang ZG, Katakowski M, Xin H, Qu C, Ali M, Mahmood A, Xiong Y. Systemic administration of cell-free exosomes generated by human bone marrow derived mesenchymal stem cells cultured under 2D and 3D conditions improves functional recovery in rats after traumatic brain injury. *Neurochem Int*. 2017 Dec;111:69-81. doi: 10.1016/j.neuint.2016.08.003. Epub 2016 Aug 15. PubMed PMID: 27539657; PubMed Central PMCID: PMC5311054.

614: Lee CC, Kimmell KT, Lalonde A, Salzman P, Miller MC, Calvi LM, Manuylova E, Shafiq I, Edward Vates G. Geographic variation in cost of care for pituitary tumor surgery. *Pituitary*. 2016 Oct;19(5):515-21. doi: 10.1007/s11102-016-0738-x. PubMed PMID: 27514727.

615: Ji K, Zhang M, Chu Q, Gan Y, Ren H, Zhang L, Wang L, Li X, Wang W. The Role of p-STAT3 as a Prognostic and Clinicopathological Marker in Colorectal Cancer: A Systematic Review and Meta-Analysis. *PLoS One*. 2016 Aug 9;11(8):e0160125. doi: 10.1371/journal.pone.0160125. eCollection 2016. Review. PubMed PMID: 27504822; PubMed Central PMCID: PMC4978497.

616: Hu LS, Ning S, Eschbacher JM, Baxter LC, Gaw N, Ranjbar S, Plasencia J, Dueck AC, Peng S, Smith KA, Nakaji P, Karis JP, Quarles CC, Wu T, Loftus JC, Jenkins RB, Sicotte H, Kollmeyer TM, O'Neill BP, Elmquist W, Hoxworth JM, Frakes D, Sarkaria J, Swanson KR, Tran NL, Li J, Mitchell JR. Radiogenomics

to characterize regional genetic heterogeneity in glioblastoma. *Neuro Oncol.* 2017 Jan;19(1):128-137. doi: 10.1093/neuonc/now135. Epub 2016 Aug 8. PubMed PMID: 27502248; PubMed Central PMCID: PMC5193022.

617: Patel ND, Broderick DF, Burns J, Deshmukh TK, Fries IB, Harvey HB, Holly L, Hunt CH, Jagadeesan BD, Kennedy TA, O'Toole JE, Perlmuter JS, Policeni B, Rosenow JM, Schroeder JW, Whitehead MT, Cornelius RS, Corey AS. ACR Appropriateness Criteria Low Back Pain. *J Am Coll Radiol.* 2016 Sep;13(9):1069-78. doi: 10.1016/j.jacr.2016.06.008. Epub 2016 Aug 3. PubMed PMID: 27496288.

618: von Roemeling C, Jiang W, Chan CK, Weissman IL, Kim BYS. Breaking Down the Barriers to Precision Cancer Nanomedicine. *Trends Biotechnol.* 2017 Feb;35(2):159-171. doi: 10.1016/j.tibtech.2016.07.006. Epub 2016 Aug 1. Review. PubMed PMID: 27492049.

619: Kerezoudis P, McCutcheon BA, Murphy M, Rayan T, Gilder H, Rinaldo L, Shepherd D, Maloney PR, Hirshman BR, Carter BS, Bydon M, Meyer F, Lanzino G. Predictors of 30-day perioperative morbidity and mortality of unruptured intracranial aneurysm surgery. *Clin Neurol Neurosurg.* 2016 Oct;149:75-80. doi: 10.1016/j.clineuro.2016.07.027. Epub 2016 Jul 27. PubMed PMID: 27490305.

620: Kuratani J, Pearl PL, Sullivan L, Riel-Romero RM, Cheek J, Stecker M, San-Juan D, Selioutski O, Sinha SR, Drislane FW, Tsuchida TN. American Clinical Neurophysiology Society Guideline 5: Minimum Technical Standards for Pediatric Electroencephalography. *J Clin Neurophysiol.* 2016 Aug;33(4):320-3. doi: 10.1097/WNP.0000000000000321. PubMed PMID: 27482791.

621: Lundgaard I, Lu ML, Yang E, Peng W, Mestre H, Hitomi E, Deane R, Nedergaard M. Glymphatic clearance controls state-dependent changes in brain lactate concentration. *J Cereb Blood Flow Metab.* 2017 Jun;37(6):2112-2124. doi: 10.1177/0271678×16661202. Epub 2016 Jan 1. PubMed PMID: 27481936; PubMed Central PMCID: PMC5464705.

622: Brown PD, Jaeckle K, Ballman KV, Farace E, Cerhan JH, Anderson SK, Carrero XW, Barker FG 2nd, Deming R, Burri SH, Ménard C, Chung C, Stieber VW, Pollock BE, Galanis E, Buckner JC, Asher AL. Effect of Radiosurgery Alone vs Radiosurgery With Whole Brain Radiation Therapy on Cognitive Function in Patients With 1 to 3 Brain Metastases: A Randomized Clinical Trial. *JAMA.* 2016 Jul 26;316(4):401-409. doi: 10.1001/jama.2016.9839. Erratum in: *JAMA.* 2018 Aug 7;320(5):510. PubMed PMID: 27458945; PubMed Central PMCID: PMC5313044.

623: Correa RJ, Salama JK, Milano MT, Palma DA. Stereotactic Body Radiotherapy for Oligometastasis: Opportunities for Biology to Guide Clinical Management. *Cancer J.* 2016 Jul-Aug;22(4):247-56. doi: 10.1097/PPO.0000000000000202. PubMed PMID: 27441744.

624: Murphy ME, McCutcheon BA, Kerezoudis P, Porter A, Rinaldo L, Shepherd D, Rayan T, Maloney PR, Carter BS, Bydon M, Gompel JJ, Link MJ. Morbid obesity increases risk of morbidity and reoperation in resection of benign cranial nerve neoplasms. *Clin Neurol Neurosurg.* 2016 Sep;148:105-9. doi: 10.1016/j.clineuro.2016.06.020. Epub 2016 Jun 26. PubMed PMID: 27434528.

625: Sciubba DM, Goodwin CR, Yurter A, Ju D, Gokaslan ZL, Fisher C, Rhines LD, Fehlings MG, Journey DR, Mendel E, Laufer I, Bettegowda C, Patel SR, Rampersaud YR, Sahgal A, Reynolds J, Chou D, Weber MH, Clarke MJ. A Systematic Review of Clinical Outcomes and Prognostic Factors for Patients Undergoing Surgery for Spinal Metastases Secondary to Breast Cancer. *Global Spine J.* 2016 Aug;6(5):482-96. doi: 10.1055/s-0035-1564807. Epub 2015 Oct 21. Review. PubMed PMID: 27433433; PubMed Central PMCID: PMC4947406.

626: de Jong MR, Adiyaman A, Gal P, Smit JJ, Delnoy PP, Heeg JE, van Hasselt BA, Lau EO, Persu A, Staessen JA, Ramdat Misier AR, Steinberg JS, Elvan A. Renal Nerve Stimulation-Induced Blood Pressure

Changes Predict Ambulatory Blood Pressure Response After Renal Denervation. *Hypertension*. 2016 Sep;68(3):707-14. doi: 10.1161/HYPERTENSIONAHA.116.07492. Epub 2016 Jul 18. PubMed PMID: 27432864.

627: Ritter AC, Wagner AK, Szaflarski JP, Brooks MM, Zafonte RD, Pugh MJ, Fabio A, Hammond FM, Dreer LE, Bushnik T, Walker WC, Brown AW, Johnson-Greene D, Shea T, Krellman JW, Rosenthal JA. Prognostic models for predicting posttraumatic seizures during acute hospitalization, and at 1 and 2 years following traumatic brain injury. *Epilepsia*. 2016 Sep;57(9):1503-14. doi: 10.1111/epi.13470. Epub 2016 Jul 19. PubMed PMID: 27430564.

628: Cannizzaro D, Peschillo S, Cenzato M, Pero G, Resta MC, Guidetti G, Burdi N, Piccirilli M, Santoro A, Lanzino G. Endovascular and surgical approaches of ethmoidal dural fistulas: a multicenter experience and a literature review. *Neurosurg Rev*. 2018 Apr;41(2):391-398. doi: 10.1007/s10143-016-0764-1. Epub 2016 Jul 18. Review. PubMed PMID: 27426100.

629: Amaral L, Ganho-Ávila A, Osório A, Soares MJ, He D, Chen Q, Mahon BZ, Gonçalves OF, Sampaio A, Fang F, Bi Y, Almeida J. Hemispheric asymmetries in subcortical visual and auditory relay structures in congenital deafness. *Eur J Neurosci*. 2016 Sep;44(6):2334-9. doi: 10.1111/ejn.13340. Epub 2016 Aug 9. PubMed PMID: 27421820.

630: van 't Hof FN, Ruigrok YM, Lee CH, Ripke S, Anderson G, de Andrade M, Baas AF, Blankenstein JD, Böttiger EP, Bown MJ, Broderick J, Bijlenga P, Carrell DS, Crawford DC, Crosslin DR, Ebeling C, Eriksson JG, Fornage M, Foroud T, von Und Zu Fraunberg M, Friedrich CM, Gaál EI, Gottesman O, Guo DC, Harrison SC, Hernesniemi J, Hofman A, Inoue I, Jääskeläinen JE, Jones GT, Kiemeney LA, Kivisaari R, Ko N, Koskinen S, Kubo M, Kullo IJ, Kuivaniemi H, Kurki MI, Laakso A, Lai D, Leal SM, Lehto H, LeMaire SA, Low SK, Malinowski J, McCarty CA, Milewicz DM, Mosley TH, Nakamura Y, Nakaoka H, Niemelä M, Pacheco J, Peissig PL, Pera J, Rasmussen-Torvik L, Ritchie MD, Rivadeneira F, van Rij AM, Santos-Cortez RL, Saratzis A, Slowik A, Takahashi A, Tromp G, Uitterlinden AG, Verma SS, Vermeulen SH, Wang GT; Aneurysm Consortium; Vascular Research Consortium of New Zealand, Han B, Rinkel GJ, de Bakker PI. Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. *J Am Heart Assoc*. 2016 Jul 14;5(7). pii: e002603. doi: 10.1161/JAHA.115.002603. Erratum in: *J Am Heart Assoc*. 2018 Feb 2;7(3):. PubMed PMID: 27418160; PubMed Central PMCID: PMC5015357.

631: Vasquez RA, Chotai S, Wick JB, Stonko DP, Cheng JS, Bydon M, Asher AL, McGirt MJ, Devin CJ. The Profile of a Smoker and Its Impact on Outcomes After Cervical Spine Surgery. *Neurosurgery*. 2016 Aug;63 Suppl 1:96-101. doi: 10.1227/NEU.0000000000001284. PubMed PMID: 27399373.

632: Macki M, Syeda S, Kerezoudis P, Bydon A, Witham TF, Sciubba DM, Wolinsky JP, Bydon M, Gokaslan Z. rhBMP-2 protects against reoperation for pseudoarthrosis and/or instrumentation failure: A matched case-control study of 448 patients. *J Clin Neurosci*. 2016 Oct;32:99-103. doi: 10.1016/j.jocn.2016.03.025. Epub 2016 Jul 7. PubMed PMID: 27396376.

633: Zhang L, Chopp M, Zhang Y, Xiong Y, Li C, Sadry N, Rhaleb I, Lu M, Zhang ZG. Diabetes Mellitus Impairs Cognitive Function in Middle-Aged Rats and Neurological Recovery in Middle-Aged Rats After Stroke. *Stroke*. 2016 Aug;47(8):2112-8. doi: 10.1161/STROKEAHA.115.012578. Epub 2016 Jul 7. PubMed PMID: 27387991; PubMed Central PMCID: PMC4961558.

634: Prasad S, Efird JT, James SE, Walker PR, Zagar TM, Biswas T. Failure patterns and survival outcomes in triple negative breast cancer (TNBC): a 15 year comparison of 448 non-Hispanic black and white women. *Springerplus*. 2016 Jun 17;5(1):756. doi: 10.1186/s40064-016-2444-6. eCollection 2016. PubMed PMID: 27386241; PubMed Central PMCID: PMC4912515.

- 635: Salomon D, Miloro M, Kolokythas A. Outcomes of Immediate Allograft Reconstruction of Long-Span Defects of the Inferior Alveolar Nerve. *J Oral Maxillofac Surg.* 2016 Dec;74(12):2507-2514. doi: 10.1016/j.joms.2016.05.029. Epub 2016 Jun 14. PubMed PMID: 27376182.
- 636: Abdulkader MM, Mansour NH, Van Gompel JJ, Bosh GA, Dropcho EJ, Bonnin JM, Cohen-Gadol AA. Disseminated choroid plexus papillomas in adults: A case series and review of the literature. *J Clin Neurosci.* 2016 Oct;32:148-54. doi: 10.1016/j.jocn.2016.04.002. Epub 2016 Jun 29. PubMed PMID: 27372242.
- 637: Zhao B, Yang H, Zheng K, Li Z, Xiong Y, Tan X, Zhong M; AMPAS Study Group. Preoperative and postoperative predictors of long-term outcome after endovascular treatment of poor-grade aneurysmal subarachnoid hemorrhage. *J Neurosurg.* 2017 Jun;126(6):1764-1771. doi: 10.3171/2016.4.JNS152587. Epub 2016 Jul 1. PubMed PMID: 27367238.
- 638: Ukena C, Mahfoud F, Ewen S, Bollmann A, Hindricks G, Hoffmann BA, Linz D, Musat D, Pavlicek V, Scholz E, Thomas D, Willems S, Böhm M, Steinberg JS. Renal denervation for treatment of ventricular arrhythmias: data from an International Multicenter Registry. *Clin Res Cardiol.* 2016 Oct;105(10):873-9. doi: 10.1007/s00392-016-1012-y. Epub 2016 Jun 30. PubMed PMID: 27364940.
- 639: Poudyal BS, Shrestha GS, Tuladhar S, Gyawali B, Sedain G, Battajo R, Maskey P, Paudyal S, Regmi S, Rc DR, Kouides P. Use of donated clotting factors for surgeries on haemophilic patients in a resource-constrained country: a kind donor, good outcome, change of practice and future directions. *Haemophilia.* 2016 Sep;22(5):e453-5. doi: 10.1111/hae.13017. Epub 2016 Jun 28. PubMed PMID: 27353411.
- 640: Patel NS, Hunter JB, O'Connell BP, Wanna GB, Carlson ML. An Easy and Reliable Method to Locate the Dehiscence During Middle Fossa Superior Canal Dehiscence Surgery: It is a (C)inch. *Otol Neurotol.* 2016 Sep;37(8):1092-5. doi: 10.1097/MAO.0000000000001114. PubMed PMID: 27348389.
- 641: Wong JK, Chen PC, Falvey J, Melvin AL, Lidder AK, Lowenstein LM, Miranpuri AS, Knight PA, Massey HT. Anticoagulation Reversal Strategies for Left Ventricular Assist Device Patients Presenting with Acute Intracranial Hemorrhage. *ASAIO J.* 2016 Sep-Oct;62(5):552-7. doi: 10.1097/MAT.0000000000000404. PubMed PMID: 27347708.
- 642: Al-Hallaq HA, Chmura S, Salama JK, Winter KA, Robinson CG, Pisansky TM, Borges V, Lowenstein JR, McNulty S, Galvin JM, Followill DS, Timmerman RD, White JR, Xiao Y, Matuszak MM. Rationale of technical requirements for NRG-BR001: The first NCI-sponsored trial of SBRT for the treatment of multiple metastases. *Pract Radiat Oncol.* 2016 Nov - Dec;6(6):e291-e298. doi: 10.1016/j.prro.2016.05.004. Epub 2016 May 20. PubMed PMID: 27345129; PubMed Central PMCID: PMC5099083.
- 643: Rammos SK, Gardenghi B, Bortolotti C, Cloft HJ, Lanzino G. Aneurysms Associated with Brain Arteriovenous Malformations. *AJNR Am J Neuroradiol.* 2016 Nov;37(11):1966-1971. doi: 10.3174/ajnr.A4869. Epub 2016 Jun 23. Review. PubMed PMID: 27339951.
- 644: MacDougall M, Nummela SU, Coop S, Disney A, Mitchell JF, Miller CT. Optogenetic manipulation of neural circuits in awake marmosets. *J Neurophysiol.* 2016 Sep 1;116(3):1286-94. doi: 10.1152/jn.00197.2016. Epub 2016 Jun 22. PubMed PMID: 27334951; PubMed Central PMCID: PMC5023415.
- 645: Zhao J, Yorke ED, Li L, Kavanagh BD, Li XA, Das S, Miften M, Rimner A, Campbell J, Xue J, Jackson A, Grimm J, Milano MT, Spring Kong FM. Simple Factors Associated With Radiation-Induced Lung Toxicity After Stereotactic Body Radiation Therapy of the Thorax: A Pooled Analysis of 88 Studies. *Int J*

Radiat Oncol Biol Phys. 2016 Aug 1;95(5):1357-1366. doi: 10.1016/j.ijrobp.2016.03.024. Epub 2016 Mar 25. Review. PubMed PMID: 27325482; PubMed Central PMCID: PMC5541363.

646: Silva JD, Costa M, Gersh BJ, Gonçalves L. Renal denervation in the era of HTN-3. Comprehensive review and glimpse into the future. J Am Soc Hypertens. 2016 Aug;10(8):656-70. doi: 10.1016/j.jash.2016.05.009. Epub 2016 Jun 2. Review. PubMed PMID: 27319336.

647: Antoni D, Jastaniah Z, Haoming QC, Gaultier C, Ahle G, Couchot J, Atlani D, Schott R, Clavier JB, Srour R, Chaussemy D, Noël G. Patterns of relapse in patients with high grade glioma receiving combined treatments including stereotactic re-irradiation for a first relapse. Cancer Radiother. 2016 Jun;20(4):282-91. doi: 10.1016/j.canrad.2016.03.006. Epub 2016 Jun 16. PubMed PMID: 27318555.

648: Lee JJ, Hwang JT, Kim DY, Lee SS, Hwang SM, Lee NR, Kwak BC. Effects of arthroscopy-guided suprascapular nerve block combined with ultrasound-guided interscalene brachial plexus block for arthroscopic rotator cuff repair: a randomized controlled trial. Knee Surg Sports Traumatol Arthrosc. 2017 Jul;25(7):2121-2128. doi: 10.1007/s00167-016-4198-7. Epub 2016 Jun 16. PubMed PMID: 27311449.

649: Brown TJ, Brennan MC, Li M, Church EW, Brandmeir NJ, Rakiszawski KL, Patel AS, Rizk EB, Suki D, Sawaya R, Glantz M. Association of the Extent of Resection With Survival in Glioblastoma: A Systematic Review and Meta-analysis. JAMA Oncol. 2016 Nov 1;2(11):1460-1469. doi: 10.1001/jamaonc.2016.1373. Review. PubMed PMID: 27310651.

650: Guay J, Suresh S, Kopp S. The Use of Ultrasound Guidance for Perioperative Neuraxial and Peripheral Nerve Blocks in Children: A Cochrane Review. Anesth Analg. 2017 Mar;124(3):948-958. doi: 10.1213/ANE.0000000000001363. Review. PubMed PMID: 27308952.

651: McDonald JS, Leake CB, McDonald RJ, Gulati R, Katzberg RW, Williamson EE, Kallmes DF. Acute Kidney Injury After Intravenous Versus Intra-Arterial Contrast Material Administration in a Paired Cohort. Invest Radiol. 2016 Dec;51(12):804-809. PubMed PMID: 27299579.

652: Wang F, Yuan T, Pereira A Jr, Verkhratsky A, Huang JH. Glial Cells and Synaptic Plasticity. Neural Plast. 2016;2016:5042902. doi: 10.1155/2016/5042902. Epub 2016 May 17. PubMed PMID: 27293902; PubMed Central PMCID: PMC4886084.

653: Mahon BZ, Hickok G. Arguments about the nature of concepts: Symbols, embodiment, and beyond. Psychon Bull Rev. 2016 Aug;23(4):941-58. doi: 10.3758/s13423-016-1045-2. Review. PubMed PMID: 27282991; PubMed Central PMCID: PMC4975657.

654: Korfiatis P, Kline TL, Coufalova L, Lachance DH, Parney IF, Carter RE, Buckner JC, Erickson BJ. MRI texture features as biomarkers to predict MGMT methylation status in glioblastomas. Med Phys. 2016 Jun;43(6):2835-2844. doi: 10.1118/1.4948668. PubMed PMID: 27277032; PubMed Central PMCID: PMC4866963.

655: Carlson ML, O'Connell BP, Breen JT, Wick CC, Driscoll CL, Haynes DS, Thompson RC, Isaacson B, Gidley PW, Kutz JW Jr, Van Gompel JJ, Wanna GB, Raza SM, DeMonte F, Barnett SL, Link MJ. Petroclival Chondrosarcoma: A Multicenter Review of 55 Cases and New Staging System. Otol Neurotol. 2016 Aug;37(7):940-50. doi: 10.1097/MAO.0000000000001037. PubMed PMID: 27273403.

656: Yawn RJ, Patel NS, Driscoll CL, Link MJ, Haynes DS, Wanna GB, Thompson RC, Carlson ML. Primary Epidermoid Tumors of the Cerebellopontine Angle: A Review of 47 Cases. Otol Neurotol. 2016 Aug;37(7):951-5. doi: 10.1097/MAO.0000000000001085. PubMed PMID: 27273398.

- 657: Bémeur C, Cudalbu C, Dam G, Thrane AS, Cooper AJ, Rose CF. Brain edema: a valid endpoint for measuring hepatic encephalopathy? *Metab Brain Dis.* 2016 Dec;31(6):1249-1258. Epub 2016 Jun 7. Review. PubMed PMID: 27272740.
- 658: Joshi R, Johnson MD, Maitz A, Marvin KS, Olson RE, Grills IS. Utility of graded prognostic assessment in evaluation of patients with brainstem metastases treated with radiosurgery. *Clin Neurol Neurosurg.* 2016 Aug;147:30-3. doi: 10.1016/j.clineuro.2016.05.001. Epub 2016 May 18. PubMed PMID: 27262115.
- 659: Wernicke AG, Smith AW, Taube S, Yondorf MZ, Parashar B, Trichter S, Nedialkova L, Sabbas A, Christos P, Ramakrishna R, Pannullo SC, Stieg PE, Schwartz TH. Cesium-131 brachytherapy for recurrent brain metastases: durable salvage treatment for previously irradiated metastatic disease. *J Neurosurg.* 2017 Apr;126(4):1212-1219. doi: 10.3171/2016.3.JNS152836. Epub 2016 Jun 3. PubMed PMID: 27257835.
- 660: DuBrava S, Mardekian J, Sadosky A, Bienen Ej, Parsons B, Hopps M, Markman J. Using Random Forest Models to Identify Correlates of a Diabetic Peripheral Neuropathy Diagnosis from Electronic Health Record Data. *Pain Med.* 2017 Jan 1;18(1):107-115. doi: 10.1093/pm/pnw096. PubMed PMID: 27252307.
- 661: Min HK, Ross EK, Jo HJ, Cho S, Settell ML, Jeong JH, Duffy PS, Chang SY, Bennet KE, Blaha CD, Lee KH. Dopamine Release in the Nonhuman Primate Caudate and Putamen Depends upon Site of Stimulation in the Subthalamic Nucleus. *J Neurosci.* 2016 Jun 1;36(22):6022-9. doi: 10.1523/JNEUROSCI.0403-16.2016. PubMed PMID: 27251623; PubMed Central PMCID: PMC4887566.
- 662: Bernard B, Gershman B, Karnes RJ, Sweeney CJ, Vapiwala N. Approach to Oligometastatic Prostate Cancer. *Am Soc Clin Oncol Educ Book.* 2016;35:119-29. doi: 10.14694/EDBK_159241. PubMed PMID: 27249693.
- 663: Peng W, Achariyar TM, Li B, Liao Y, Mestre H, Hitomi E, Regan S, Kasper T, Peng S, Ding F, Benveniste H, Nedergaard M, Deane R. Suppression of glymphatic fluid transport in a mouse model of Alzheimer's disease. *Neurobiol Dis.* 2016 Sep;93:215-25. doi: 10.1016/j.nbd.2016.05.015. Epub 2016 May 24. PubMed PMID: 27234656; PubMed Central PMCID: PMC4980916.
- 664: Liu LD, Haefner RM, Pack CC. A neural basis for the spatial suppression of visual motion perception. *eLife.* 2016 May 26;5. pii: e16167. doi: 10.7554/eLife.16167. PubMed PMID: 27228283; PubMed Central PMCID: PMC4882155.
- 665: Tubbs RS, Ajayi OO, Fries FN, Spinner RJ, Oskouian RJ. Variations of the accessory nerve: anatomical study including previously undocumented findings-expanding our misunderstanding of this nerve. *Br J Neurosurg.* 2017 Feb;31(1):113-115. doi: 10.1080/02688697.2016.1187253. Epub 2016 May 24. PubMed PMID: 27216244.
- 666: Nash B, Carlson ML, Van Gompel JJ. Microvascular decompression for tinnitus: systematic review. *J Neurosurg.* 2017 Apr;126(4):1148-1157. doi: 10.3171/2016.2.JNS152913. Epub 2016 May 20. PubMed PMID: 27203146.
- 667: Bekelis K, Gottlieb DJ, Su Y, Lanzino G, Lawton MT, MacKenzie TA. Medicare expenditures for elderly patients undergoing surgical clipping or endovascular intervention for subarachnoid hemorrhage. *J Neurosurg.* 2017 Mar;126(3):805-810. doi: 10.3171/2016.2.JNS152994. Epub 2016 May 20. PubMed PMID: 27203138; PubMed Central PMCID: PMC5549790.
- 668: Deeb W, Rossi PJ, Porta M, Visser-Vandewalle V, Servello D, Silburn P, Coyne T, Leckman JF,

Foltynie T, Hariz M, Joyce EM, Zrinzo L, Kefalopoulou Z, Welter ML, Karachi C, Mallet L, Houeto JL, Shahed-Jimenez J, Meng FG, Klassen BT, Mogilner AY, Pourfar MH, Kuhn J, Ackermans L, Kaido T, Temel Y, Gross RE, Walker HC, Lozano AM, Khandhar SM, Walter BL, Walter E, Mari Z, Changizi BK, Moro E, Baldermann JC, Huys D, Zauber SE, Schrock LE, Zhang JG, Hu W, Foote KD, Rizer K, Mink JW, Woods DW, Gunduz A, Okun MS. The International Deep Brain Stimulation Registry and Database for Gilles de la Tourette Syndrome: How Does It Work? *Front Neurosci.* 2016 Apr 25;10:170. doi: 10.3389/fnins.2016.00170. eCollection 2016. PubMed PMID: 27199634; PubMed Central PMCID: PMC4842757.

669: Qie Y, Yuan H, von Roemeling CA, Chen Y, Liu X, Shih KD, Knight JA, Tun HW, Wharen RE, Jiang W, Kim BY. Surface modification of nanoparticles enables selective evasion of phagocytic clearance by distinct macrophage phenotypes. *Sci Rep.* 2016 May 19;6:26269. doi: 10.1038/srep26269. Erratum in: *Sci Rep.* 2016 Aug 01;6:30663. PubMed PMID: 27197045; PubMed Central PMCID: PMC4872535.

670: Fan L, Lin B, Xu T, Xia N, Shao X, Tan X, Zhong M, Yang Y, Zhao B. Predicting intraprocedural rupture and thrombus formation during coiling of ruptured anterior communicating artery aneurysms. *J Neurointerv Surg.* 2017 Apr;9(4):370-375. doi: 10.1136/neurintsurg-2016-012335. Epub 2016 Apr 5. PubMed PMID: 27183655.

671: Wang H, Cai S, Bailey BJ, Reza Saadatzadeh M, Ding J, Tonsing-Carter E, Georgiadis TM, Zachary Gunter T, Long EC, Minto RE, Gordon KR, Sen SE, Cai W, Eitel JA, Wanng DL, Bringman LR, Wells CD, Murray ME, Sarkaria JN, Gelbert LM, Jones DR, Cohen-Gadol AA, Mayo LD, Shannon HE, Pollok KE. Combination therapy in a xenograft model of glioblastoma: enhancement of the antitumor activity of temozolomide by an MDM2 antagonist. *J Neurosurg.* 2017 Feb;126(2):446-459. doi: 10.3171/2016.1.JNS152513. Epub 2016 May 13. PubMed PMID: 27177180; PubMed Central PMCID: PMC5280578.

672: Wasserstein MP, Andriola M, Arnold G, Aron A, Duffner P, Erbe RW, Escolar ML, Estrella L, Galvin-Parton P, Iglesias A, Kay DM, Kronn DF, Kurtzberg J, Kwon JM, Langan TJ, Levy PA, Naidich TP, Orsini JJ, Pellegrino JE, Provenzale JM, Wenger DA, Caggana M. Clinical outcomes of children with abnormal newborn screening results for Krabbe disease in New York State. *Genet Med.* 2016 Dec;18(12):1235-1243. doi: 10.1038/gim.2016.35. Epub 2016 May 12. PubMed PMID: 27171547.

673: Castelli J, Feuvret L, Haoming QC, Biau J, Jouglar E, Berger A, Truc G, Gutierrez FL, Morandi X, Le Reste PJ, Thillays F, Loussouarn D, Nouhaud E, Crehange G, Antoni D, Vauleon E, de Crevoisier R, Noel G. Prognostic and therapeutic factors of gliosarcoma from a multi-institutional series. *J Neurooncol.* 2016 Aug;129(1):85-92. doi: 10.1007/s11060-016-2142-9. Epub 2016 May 11. PubMed PMID: 27169763.

674: Brinjikji W, Duffy S, Burrows A, Hacke W, Liebeskind D, Majoe CBLM, Dippel DWJ, Siddiqui AH, Khatri P, Baxter B, Nogueira R, Gounis M, Jovin T, Kallmes DF. Correlation of imaging and histopathology of thrombi in acute ischemic stroke with etiology and outcome: a systematic review. *J Neurointerv Surg.* 2017 Jun;9(6):529-534. doi: 10.1136/neurintsurg-2016-012391. Epub 2016 May 10. Review. PubMed PMID: 27166383.

675: Zhang Y, Liu X, Steiner L, Smielewski P, Feen E, Pickard JD, Czosnyka M. Correlation Between Cerebral Autoregulation and Carbon Dioxide Reactivity in Patients with Traumatic Brain Injury. *Acta Neurochir Suppl.* 2016;122:205-9. doi: 10.1007/978-3-319-22533-3_41. PubMed PMID: 27165907.

676: Aleem IS, Duncan J, Ahmed AM, Zarrabian M, Eck J, Rhee J, Clarke M, Currier BL, Nassr A. Do Lumbar Decompression and Fusion Patients Recall Their Preoperative Status?: A Cohort Study of Recall Bias in Patient-Reported Outcomes. *Spine (Phila Pa 1976).* 2017 Jan 15;42(2):128-134. doi:

10.1097/BRS.0000000000001682. PubMed PMID: 27163372.

677: Garcea FE, Kristensen S, Almeida J, Mahon BZ. Resilience to the contralateral visual field bias as a window into object representations. *Cortex*. 2016 Aug;81:14-23. doi: 10.1016/j.cortex.2016.04.006. Epub 2016 Apr 13. PubMed PMID: 27160998; PubMed Central PMCID: PMC4958537.

678: Gibson WS, Ross EK, Han SR, Van Gompel JJ, Min HK, Lee KH. Anterior Thalamic Deep Brain Stimulation: Functional Activation Patterns in a Large Animal Model. *Brain Stimul*. 2016 Sep-Oct;9(5):770-773. doi: 10.1016/j.brs.2016.04.012. Epub 2016 Apr 15. PubMed PMID: 27160467; PubMed Central PMCID: PMC5007150.

679: Prasad NK, Mahan MA, Howe BM, Amrami KK, Spinner RJ. A new pattern of lipomatosis of nerve: case report. *J Neurosurg*. 2017 Mar;126(3):933-937. doi: 10.3171/2016.2.JNS151051. Epub 2016 May 6. PubMed PMID: 27153174.

680: Petr O, Brinjikji W, Burrows AM, Cloft H, Kallmes DF, Lanzino G. Safety and efficacy of endovascular treatment for intracranial infectious aneurysms: A systematic review and meta-analysis. *J Neuroradiol*. 2016 Oct;43(5):309-16. doi: 10.1016/j.neurad.2016.03.008. Epub 2016 Apr 29. Review. PubMed PMID: 27137085.

681: Muldermans JL, Romak LB, Kwon ED, Park SS, Olivier KR. Stereotactic Body Radiation Therapy for Oligometastatic Prostate Cancer. *Int J Radiat Oncol Biol Phys*. 2016 Jun 1;95(2):696-702. doi: 10.1016/j.ijrobp.2016.01.032. Epub 2016 Jan 29. PubMed PMID: 27131082; PubMed Central PMCID: PMC5154616.

682: De la Garza-Ramos R, Abt NB, Kerezoudis P, McCutcheon BA, Bydon A, Gokaslan Z, Bydon M. Deep-wound and organ-space infection after surgery for degenerative spine disease: an analysis from 2006 to 2012. *Neurol Res*. 2016 Feb;38(2):117-23. doi: 10.1080/01616412.2016.1138669. PubMed PMID: 27118607.

683: Clarke MJ, Fenton KN, Sade RM. Does Declaration of Brain Death Serve the Best Interest of Organ Donors Rather Than Merely Facilitating Organ Transplantation? *Ann Thorac Surg*. 2016 Jun;101(6):2053-8. doi: 10.1016/j.athoracsur.2016.01.100. Epub 2016 Apr 23. PubMed PMID: 27112652.

684: McCutcheon BA, Kerezoudis P, Porter AL, Rinaldo L, Murphy M, Maloney P, Shepherd D, Hirshman BR, Carter BS, Lanzino G, Bydon M, Meyer F. Coma and Stroke Following Surgical Treatment of Unruptured Intracranial Aneurysm: An American College of Surgeons National Surgical Quality Improvement Program Study. *World Neurosurg*. 2016 Jul;91:272-8. doi: 10.1016/j.wneu.2016.04.039. Epub 2016 Apr 20. Erratum in: *World Neurosurg*. 2017 Dec 26;:. PubMed PMID: 27108027.

685: Brinjikji W, Lanzino G, Cloft HJ, Siddiqui AH, Boccardi E, Cekirge S, Fiorella D, Hanel R, Jabbour P, Levy E, Lopes D, Lylyk P, Szikora I, Kallmes DF. Risk Factors for Ischemic Complications following Pipeline Embolization Device Treatment of Intracranial Aneurysms: Results from the IntrePED Study. *AJNR Am J Neuroradiol*. 2016 Sep;37(9):1673-8. doi: 10.3174/ajnr.A4807. Epub 2016 Apr 21. PubMed PMID: 27102308.

686: Goodwin CR, Clarke MJ, Gokaslan ZL, Fisher C, Laufer I, Weber MH, Sciubba DM. En Bloc Resection of Solitary Functional Secretating Spinal Metastasis. *Global Spine J*. 2016 May;6(3):277-83. doi: 10.1055/s-0035-1558654. Epub 2015 Jul 16. Review. PubMed PMID: 27099819; PubMed Central PMCID: PMC4836935.

687: Goodwin CR, Yanamadala V, Ruiz-Valls A, Abu-Bonsrah N, Shankar G, Sankey EW, Boone C,

Clarke MJ, Bilsky M, Laufer I, Fisher C, Shin JH, Sciubba DM. A Systematic Review of Metastatic Hepatocellular Carcinoma to the Spine. *World Neurosurg.* 2016 Jul;91:510-517.e4. doi: 10.1016/j.wneu.2016.04.026. Epub 2016 May 13. Review. PubMed PMID: 27090971; PubMed Central PMCID: PMC5586495.

688: Lin B, Chen W, Ruan L, Chen Y, Zhong M, Zhuge Q, Fan LH, Zhao B, Yang Y. Sex differences in aneurysm morphologies and clinical outcomes in ruptured anterior communicating artery aneurysms: a retrospective study. *BMJ Open.* 2016 Apr 15;6(4):e009920. doi: 10.1136/bmjopen-2015-009920. PubMed PMID: 27084272; PubMed Central PMCID: PMC4838700.

689: Williams KL, Topp S, Yang S, Smith B, Fifita JA, Warraich ST, Zhang KY, Farrawell N, Vance C, Hu X, Chesi A, Leblond CS, Lee A, Rayner SL, Sundaramoorthy V, Dobson-Stone C, Molloy MP, van Blitterswijk M, Dickson DW, Petersen RC, Graff-Radford NR, Boeve BF, Murray ME, Pottier C, Don E, Winnick C, McCann EP, Hogan A, Daoud H, Levert A, Dion PA, Mitsui J, Ishiura H, Takahashi Y, Goto J, Kost J, Gellera C, Gkazi AS, Miller J, Stockton J, Brooks WS, Boundy K, Polak M, Muñoz-Blanco JL, Esteban-Pérez J, Rábano A, Hardiman O, Morrison KE, Ticozzi N, Silani V, de Belleroche J, Glass JD, Kwok JB, Guillemin GJ, Chung RS, Tsuji S, Brown RH Jr, García-Redondo A, Rademakers R, Landers JE, Gitler AD, Rouleau GA, Cole NJ, Yerbury JJ, Atkin JD, Shaw CE, Nicholson GA, Blair IP. CCNF mutations in amyotrophic lateral sclerosis and frontotemporal dementia. *Nat Commun.* 2016 Apr 15;7:11253. doi: 10.1038/ncomms11253. PubMed PMID: 27080313; PubMed Central PMCID: PMC4835537.

690: Berger M, Nadler JW, Friedman A, McDonagh DL, Bennett ER, Cooter M, Qi W, Laskowitz DT, Ponnusamy V, Newman MF, Shaw LM, Warner DS, Mathew JP, James ML; MAD-PIA trial team. The Effect of Propofol Versus Isoflurane Anesthesia on Human Cerebrospinal Fluid Markers of Alzheimer's Disease: Results of a Randomized Trial. *J Alzheimers Dis.* 2016 Apr 15;52(4):1299-310. doi: 10.3233/JAD-151190. PubMed PMID: 27079717; PubMed Central PMCID: PMC5938737.

691: Dayawansa S, Zhang J, Shih CH, Tharakan B, Huang JH. Functional, electrophysiological recoveries of rats with sciatic nerve lesions following transplantation of elongated DRG cells. *Neurol Res.* 2016 Apr;38(4):352-7. doi: 10.1080/01616412.2015.1105586. Epub 2016 Mar 28. PubMed PMID: 27078705.

692: Zhao B, Lin F, Wu J, Zheng K, Tan X, Cao Y, Zhao Y, Wang S, Zhong M. A Multicenter Analysis of Computed Tomography Angiography Alone Versus Digital Subtraction Angiography for the Surgical Treatment of Poor-Grade Aneurysmal Subarachnoid Hemorrhage. *World Neurosurg.* 2016 Jul;91:106-11. doi: 10.1016/j.wneu.2016.03.099. Epub 2016 Apr 6. PubMed PMID: 27060510.

693: Gu S, Wang W, Wang F, Huang JH. Neuromodulator and Emotion Biomarker for Stress Induced Mental Disorders. *Neural Plast.* 2016;2016:2609128. doi: 10.1155/2016/2609128. Epub 2016 Mar 14. Review. PubMed PMID: 27051536; PubMed Central PMCID: PMC4808661.

694: Lucke-Wold BP, Logsdon AF, Manoranjan B, Turner RC, McConnell E, Vates GE, Huber JD, Rosen CL, Simard JM. Aneurysmal Subarachnoid Hemorrhage and Neuroinflammation: A Comprehensive Review. *Int J Mol Sci.* 2016 Apr 2;17(4):497. doi: 10.3390/ijms17040497. Review. PubMed PMID: 27049383; PubMed Central PMCID: PMC4848953.

695: Brinjikji W, Chung BJ, Jimenez C, Putman C, Kallmes DF, Cebral JR. Hemodynamic differences between unstable and stable unruptured aneurysms independent of size and location: a pilot study. *J Neurointerv Surg.* 2017 Apr;9(4):376-380. doi: 10.1136/neurintsurg-2016-012327. Epub 2016 Apr 5. PubMed PMID: 27048958.

696: Weil R, Kovacs B, Miller N, McDermott MP, Wall M, Kupersmith M, Pi-Sunyer FX; NORDIC

Idiopathic Intracranial Hypertension Study Group. A 6-month telephone-based weight loss intervention in overweight and obese subjects with idiopathic intracranial hypertension. *Obes Sci Pract.* 2016 Apr 5;2(2):95-103. doi: 10.1002/osp4.34. eCollection 2016 Jun. PubMed PMID: 29071096; PubMed Central PMCID: PMC5523694.

697: Fan L, Tan X, Xiong Y, Zheng K, Li Z, Liu D, Zhong M, Zhao B. Stent-assisted coiling versus coiling alone of ruptured anterior communicating artery aneurysms: A single-center experience. *Clin Neurol Neurosurg.* 2016 May;144:96-100. doi: 10.1016/j.clineuro.2016.03.020. Epub 2016 Mar 25. PubMed PMID: 27037864.

698: Klimes P, Duque JJ, Brinkmann B, Van Gompel J, Stead M, St Louis EK, Halamek J, Jurak P, Worrell G. The functional organization of human epileptic hippocampus. *J Neurophysiol.* 2016 Jun 1;115(6):3140-5. doi: 10.1152/jn.00089.2016. Epub 2016 Mar 30. PubMed PMID: 27030735; PubMed Central PMCID: PMC4946613.

699: Kang JH, Mollenhauer B, Coffey CS, Toledo JB, Weintraub D, Galasko DR, Irwin DJ, Van Deerlin V, Chen-Plotkin AS, Caspell-Garcia C, Waligórska T, Taylor P, Shah N, Pan S, Zero P, Frasier M, Marek K, Kieburtz K, Jennings D, Tanner CM, Simuni T, Singleton A, Toga AW, Chowdhury S, Trojanowski JQ, Shaw LM; Parkinson's Progression Marker Initiative. CSF biomarkers associated with disease heterogeneity in early Parkinson's disease: the Parkinson's Progression Markers Initiative study. *Acta Neuropathol.* 2016 Jun;131(6):935-49. doi: 10.1007/s00401-016-1552-2. Epub 2016 Mar 28. PubMed PMID: 27021906; PubMed Central PMCID: PMC5031365.

700: Kalin NH, Fox AS, Kovner R, Riedel MK, Fekete EM, Roseboom PH, Tromp do PM, Grabow BP, Olsen ME, Brodsky EK, McFarlin DR, Alexander AL, Emborg ME, Block WF, Fudge JL, Oler JA. Overexpressing Corticotropin-Releasing Factor in the Primate Amygdala Increases Anxious Temperament and Alters Its Neural Circuit. *Biol Psychiatry.* 2016 Sep 1;80(5):345-55. doi: 10.1016/j.biopsych.2016.01.010. Epub 2016 Jan 30. PubMed PMID: 27016385; PubMed Central PMCID: PMC4967405.

701: Xu T, Lin B, Liu S, Shao X, Xia N, Zhang Y, Xu H, Yang Y, Zhong M, Zhuge Q, Zhao B, Chen W. Larger size ratio associated with the rupture of very small (≤ 3 mm) anterior communicating artery aneurysms. *J Neurointerv Surg.* 2017 Mar;9(3):278-282. doi: 10.1136/neurintsurg-2016-012294. Epub 2016 Mar 23. PubMed PMID: 27009240.

702: Luo TD, Polly DW Jr, Ledonio CG, Wetjen NM, Larson AN. Accuracy of Pedicle Screw Placement in Children 10 Years or Younger Using Navigation and Intraoperative CT. *Clin Spine Surg.* 2016 Apr;29(3):E135-8. doi: 10.1097/BSD.0000000000000230. PubMed PMID: 27007788.

703: Elsherif MA, Spinner RJ, Tubbs RS, Persaud TV, Fogelson JL. The association of a hemivertebra with a large dumbbell-shaped tumor: A potential embryological explanation. *Clin Anat.* 2016 Sep;29(6):807-10. doi: 10.1002/ca.22715. Epub 2016 Apr 23. PubMed PMID: 27006291.

704: Kimsey F, McKay J, Gefter J, Milano MT, Moiseenko V, Grimm J, Berg R. Dose-Response Model for Chest Wall Tolerance of Stereotactic Body Radiation Therapy. *Semin Radiat Oncol.* 2016 Apr;26(2):129-34. doi: 10.1016/j.semradonc.2015.11.003. Epub 2015 Dec 22. Review. PubMed PMID: 27000509.

705: Li L, Chopp M, Ding G, Qu C, Nejad-Davarani SP, Davoodi-Bojd E, Li Q, Mahmood A, Jiang Q. Diffusion-Derived Magnetic Resonance Imaging Measures of Longitudinal Microstructural Remodeling Induced by Marrow Stromal Cell Therapy after Traumatic Brain Injury. *J Neurotrauma.* 2017 Jan 1;34(1):182-191. doi: 10.1089/neu.2015.4315. Epub 2016 May 13. PubMed PMID: 26993214; PubMed

Central PMCID: PMC5198107.

706: Asher AL, Chotai S, Devin CJ, Speroff T, Harrell FE Jr, Nian H, Dittus RS, Mummaneni PV, Knightly JJ, Glassman SD, Bydon M, Archer KR, Foley KT, McGirt MJ. Inadequacy of 3-month Oswestry Disability Index outcome for assessing individual longer-term patient experience after lumbar spine surgery. *J Neurosurg Spine*. 2016 Aug;25(2):170-80. doi: 10.3171/2015.11.SPINE15872. Epub 2016 Mar 18. Erratum in: *J Neurosurg Spine*. 2016 Aug;25(2):279. PubMed PMID: 26989974.

707: Thompson EM, Hielscher T, Bouffet E, Remke M, Luu B, Gururangan S, McLendon RE, Bigner DD, Lipp ES, Perreault S, Cho YJ, Grant G, Kim SK, Lee JY, Rao AAN, Giannini C, Li KKW, Ng HK, Yao Y, Kumabe T, Tominaga T, Grajkowska WA, Perek-Polnik M, Low DCY, Seow WT, Chang KTE, Mora J, Pollack IF, Hamilton RL, Leary S, Moore AS, Ingram WJ, Hallahan AR, Jouvet A, Fèvre-Montange M, Vasiljevic A, Faure-Conter C, Shofuda T, Kagawa N, Hashimoto N, Jabado N, Weil AG, Gayden T, Wataya T, Shalaby T, Grotzer M, Zitterbart K, Sterba J, Kren L, Hortobágyi T, Klekner A, László B, Pócza T, Hauser P, Schüller U, Jung S, Jang WY, French PJ, Kros JM, van Veelen MC, Massimi L, Leonard JR, Rubin JB, Vibhakar R, Chambless LB, Cooper MK, Thompson RC, Faria CC, Carvalho A, Nunes S, Pimentel J, Fan X, Muraszko KM, López-Aguilar E, Lyden D, Garzia L, Shih DJH, Kijima N, Schneider C, Adamski J, Northcott PA, Kool M, Jones DTW, Chan JA, Nikolic A, Garre ML, Van Meir EG, Osuka S, Olson JJ, Jahangiri A, Castro BA, Gupta N, Weiss WA, Moxon-Emre I, Mabbott DJ, Lassaletta A, Hawkins CE, Tabori U, Drake J, Kulkarni A, Dirks P, Rutka JT, Korshunov A, Pfister SM, Packer RJ, Ramaswamy V, Taylor MD. Prognostic value of medulloblastoma extent of resection after accounting for molecular subgroup: a retrospective integrated clinical and molecular analysis. *Lancet Oncol*. 2016 Apr;17(4):484-495. doi: 10.1016/S1470-2045(15)00581-1. Epub 2016 Mar 12. PubMed PMID: 26976201; PubMed Central PMCID: PMC4907853.

708: Amirian ES, Scheurer ME, Zhou R, Wrensch MR, Armstrong GN, Lachance D, Olson SH, Lau CC, Claus EB, Barnholtz-Sloan JS, Il'yasova D, Schildkraut J, Ali-Osman F, Sadetzki S, Jenkins RB, Bernstein JL, Merrell RT, Davis FG, Lai R, Shete S, Amos CI, Melin BS, Bondy ML. History of chickenpox in glioma risk: a report from the glioma international case-control study (GICC). *Cancer Med*. 2016 Jun;5(6):1352-8. doi: 10.1002/cam4.682. Epub 2016 Mar 13. PubMed PMID: 26972449; PubMed Central PMCID: PMC4924393.

709: Wang B, Liang RC, Liu ZS, Luo B, Ding Y, Chen ZX, Liao YS, Wang XG. Hippocampal Src kinase is required for novelty-induced enhancement of contextual fear extinction. *Biochem Biophys Res Commun*. 2016 Apr 15;472(4):656-61. doi: 10.1016/j.bbrc.2016.02.125. Epub 2016 Mar 9. PubMed PMID: 26969275.

710: Hu M, Guan H, Lau CC, Terashima K, Jin Z, Cui L, Wang Y, Li G, Yao Y, Guo Y, Li YM, Zhong D, Xiao J, Wan X, Lian X, Feng F, Ren H, Zhao Y, Cheng X, Gu F. An update on the clinical diagnostic value of β -hCG and α FP for intracranial germ cell tumors. *Eur J Med Res*. 2016 Mar 12;21:10. doi: 10.1186/s40001-016-0204-2. PubMed PMID: 26968839; PubMed Central PMCID: PMC4788851.

711: Zhao B, Yang H, Zheng K, Li Z, Xiong Y, Tan X, Zhong M; AMPAS study group. Predictors of good functional outcomes and mortality in patients with severe rebleeding after aneurysmal subarachnoid hemorrhage. *Clin Neurol Neurosurg*. 2016 May;144:28-32. doi: 10.1016/j.clineuro.2016.02.042. Epub 2016 Mar 3. PubMed PMID: 26963087.

712: Wu G, DeSimone CV, Suddendorf SH, Asirvatham RS, Asirvatham SJ, Huang C, Chen PS, Cha YM. Effects of stepwise denervation of the stellate ganglion: Novel insights from an acute canine study. *Heart Rhythm*. 2016 Jul;13(7):1395-401. doi: 10.1016/j.hrthm.2016.03.010. Epub 2016 Mar 4. PubMed PMID: 26961299.

- 713: Conaco C, Tsoulfas P, Sakarya O, Dolan A, Werren J, Kosik KS. Detection of Prokaryotic Genes in the Amphimedon queenslandica Genome. *PLoS One*. 2016 Mar 9;11(3):e0151092. doi: 10.1371/journal.pone.0151092. eCollection 2016. PubMed PMID: 26959231; PubMed Central PMCID: PMC4784904.
- 714: Kouba DJ, LoPiccolo MC, Alam M, Bordeaux JS, Cohen B, Hanke CW, Jellinek N, Maibach HI, Tanner JW, Vashi N, Gross KG, Adamson T, Begolka WS, Moyano JV. Guidelines for the use of local anesthesia in office-based dermatologic surgery. *J Am Acad Dermatol*. 2016 Jun;74(6):1201-19. doi: 10.1016/j.jaad.2016.01.022. Epub 2016 Mar 4. PubMed PMID: 26951939.
- 715: Zhao B, Tan X, Yang H, Zheng K, Li Z, Xiong Y, Zhong M; AMPAS study group. Stent-assisted coiling versus coiling alone of poor-grade ruptured intracranial aneurysms: a multicenter study. *J Neurointerv Surg*. 2017 Feb;9(2):165-168. doi: 10.1136/neurintsurg-2016-012259. Epub 2016 Mar 7. PubMed PMID: 26951385.
- 716: Marshall DC, Marcus LP, Kim TE, McCutcheon BA, Goetsch SJ, Koiso T, Alksne JF, Ott K, Carter BS, Hattangadi-Gluth JA, Yamamoto M, Chen CC. Management patterns of patients with cerebral metastases who underwent multiple stereotactic radiosurgeries. *J Neurooncol*. 2016 May;128(1):119-128. doi: 10.1007/s11060-016-2084-2. Epub 2016 Mar 7. PubMed PMID: 26948673.
- 717: Dekutoski MB, Clarke MJ, Rose P, Luzzati A, Rhines LD, Varga PP, Fisher CG, Chou D, Fehlings MG, Reynolds JJ, Williams R, Quraishi NA, Germscheid NM, Sciubba DM, Gokaslan ZL, Boriani S; AO Spine Knowledge Forum Tumor. Osteosarcoma of the spine: prognostic variables for local recurrence and overall survival, a multicenter ambispective study. *J Neurosurg Spine*. 2016 Jul;25(1):59-68. doi: 10.3171/2015.11.SPINE15870. Epub 2016 Mar 4. PubMed PMID: 26943248.
- 718: Abt NB, De la Garza-Ramos R, Olorundare IO, McCutcheon BA, Bydon A, Fogelson J, Nassr A, Bydon M. Thirty day postoperative outcomes following anterior lumbar interbody fusion using the National Surgical Quality Improvement Program database. *Clin Neurol Neurosurg*. 2016 Apr;143:126-31. doi: 10.1016/j.clineuro.2016.02.024. Epub 2016 Feb 23. PubMed PMID: 26937864.
- 719: Koschmann C, Calinescu AA, Nunez FJ, Mackay A, Fazal-Salom J, Thomas D, Mendez F, Kamran N, Dzaman M, Mulpuri L, Krasinkiewicz J, Doherty R, Lemons R, Brosnan-Cashman JA, Li Y, Roh S, Zhao L, Appelman H, Ferguson D, Gorbunova V, Meeker A, Jones C, Lowenstein PR, Castro MG. ATRX loss promotes tumor growth and impairs nonhomologous end joining DNA repair in glioma. *Sci Transl Med*. 2016 Mar 2;8(328):328ra28. doi: 10.1126/scitranslmed.aac8228. PubMed PMID: 26936505; PubMed Central PMCID: PMC5381643.
- 720: Godoy DA, Rubiano A, Rabinstein AA, Bullock R, Sahuquillo J. Moderate Traumatic Brain Injury: The Grey Zone of Neurotrauma. *Neurocrit Care*. 2016 Oct;25(2):306-19. doi: 10.1007/s12028-016-0253-y. Review. PubMed PMID: 26927279.
- 721: Raudenbush BL, Thirukumaran CP, Li Y, Sanders JO, Rubery PT, Mesfin A. Impact of a Comparative Study on the Management of Scoliosis in Duchenne Muscular Dystrophy: Are Corticosteroids Decreasing the Rate of Scoliosis Surgery in the United States? *Spine (Phila Pa 1976)*. 2016 Sep;41(17):E1030-8. doi: 10.1097/BRS.0000000000001534. PubMed PMID: 26926354.
- 722: Montanaro CJ. Airway pressure release ventilation in a patient with refractory intracranial hypertension. *JAAPA*. 2016 Mar;29(3):38-40. doi: 10.1097/01.JAA.0000476211.89195.c6. PubMed PMID: 26914779.
- 723: Shao X, Wang H, Wang Y, Xu T, Huang Y, Wang J, Chen W, Yang Y, Zhao B. The effect of anterior projection of aneurysm dome on the rupture of anterior communicating artery aneurysms compared

with posterior projection. *Clin Neurol Neurosurg.* 2016 Apr;143:99-103. doi: 10.1016/j.clineuro.2016.02.023. Epub 2016 Feb 18. PubMed PMID: 26914141.

724: Amirian ES, Zhou R, Wrensch MR, Olson SH, Scheurer ME, Il'yasova D, Lachance D, Armstrong GN, McCoy LS, Lau CC, Claus EB, Barnholtz-Sloan JS, Schildkraut J, Ali-Osman F, Sadetzki S, Johansen C, Houlston RS, Jenkins RB, Bernstein JL, Merrell RT, Davis FG, Lai R, Shete S, Amos CI, Melin BS, Bondy ML. Approaching a Scientific Consensus on the Association between Allergies and Glioma Risk: A Report from the Glioma International Case-Control Study. *Cancer Epidemiol Biomarkers Prev.* 2016 Feb;25(2):282-90. doi: 10.1158/1055-9965.EPI-15-0847. PubMed PMID: 26908595; PubMed Central PMCID: PMC4874516.

725: Algattas H, Kimmell KT, Petraglia AL, Maurer PK. Conservative management of a cervical ligamentum flavum hematoma: Case report. *Surg Neurol Int.* 2016 Jan 25;7(Suppl 3):S61-3. doi: 10.4103/2152-7806.174887. eCollection 2016. PubMed PMID: 26904367; PubMed Central PMCID: PMC4743262.

726: De la Garza-Ramos R, Xu R, Ramhmdani S, Kosztowski T, Bydon M, Sciubba DM, Wolinsky JP, Witham TF, Gokaslan ZL, Bydon A. Long-term clinical outcomes following 3- and 4-level anterior cervical discectomy and fusion. *J Neurosurg Spine.* 2016 Jun;24(6):885-91. doi: 10.3171/2015.10.SPINE15795. Epub 2016 Feb 19. Erratum in: *J Neurosurg Spine.* 2016 Jun;24(6):996. PubMed PMID: 26895527.

727: Dorsey ER, Achey MA, Beck CA, Beran DB, Biglan KM, Boyd CM, Schmidt PN, Simone R, Willis AW, Galifianakis NB, Katz M, Tanner CM, Dodenhoff K, Ziman N, Aldred J, Carter J, Jimenez-Shahed J, Hunter C, Spindler M, Mari Z, Morgan JC, McLane D, Hickey P, Gauger L, Richard IH, Bull MT, Mejia NI, Bwala G, Nance M, Shih L, Anderson L, Singer C, Zadikoff C, Okon N, Feigin A, Ayan J, Vaughan C, Pahwa R, Cooper J, Webb S, Dhall R, Hassan A, Weis D, DeMello S, Riggare SS, Wicks P, Smith J, Keenan HT, Korn R, Schwarz H, Sharma S, Stevenson EA, Zhu W. National Randomized Controlled Trial of Virtual House Calls for People with Parkinson's Disease: Interest and Barriers. *Telemed J E Health.* 2016 Jul;22(7):590-8. doi: 10.1089/tmj.2015.0191. Epub 2016 Feb 17. PubMed PMID: 26886406; PubMed Central PMCID: PMC4939367.

728: Goyal M, Derdeyn CP, Fiorella D, Ross J, Schaefer P, Tarr R, Willson MC, Bartlett E, Wintermark M, Kallmes D. Recent Endovascular Trials: Implications for Radiology Departments, Radiology Residency, and Neuroradiology Fellowship Training at Comprehensive Stroke Centers. *Radiology.* 2016 Mar;278(3):642-5. doi: 10.1148/radiol.2015151965. Review. PubMed PMID: 26885731.

729: Moise KJ Jr, Moldenhauer JS, Bennett KA, Goodnight W, Luks FI, Emery SP, Tsao K, Moon-Grady AJ, Moore RC, Treadwell MC, Vlastos EJ, Wetjen NM. Current Selection Criteria and Perioperative Therapy Used for Fetal Myelomeningocele Surgery. *Obstet Gynecol.* 2016 Mar;127(3):593-7. doi: 10.1097/AOG.0000000000001296. PubMed PMID: 26855109.

730: Wall CA, Croarkin PE, Maroney-Smith MJ, Haugen LM, Baruth JM, Frye MA, Sampson SM, Port JD. Magnetic Resonance Imaging-Guided, Open-Label, High-Frequency Repetitive Transcranial Magnetic Stimulation for Adolescents with Major Depressive Disorder. *J Child Adolesc Psychopharmacol.* 2016 Sep;26(7):582-9. doi: 10.1089/cap.2015.0217. Epub 2016 Feb 5. PubMed PMID: 26849202; PubMed Central PMCID: PMC5035831.

731: Capek S, Krauss WE, Amrami KK, Parisi JE, Spinner RJ. Perineural Spread of Renal Cell Carcinoma: A Case Illustration with a Proposed Anatomic Mechanism and a Review of the Literature. *World Neurosurg.* 2016 May;89:728.e11-7. doi: 10.1016/j.wneu.2016.01.060. Epub 2016 Feb 2. Review. PubMed PMID: 26844879.

- 732: Dai D, Ding YH, Kelly M, Kadirvel R, Kallmes D. Histopathological findings following pipeline embolization in a human cerebral aneurysm at the basilar tip. *Interv Neuroradiol.* 2016 Apr;22(2):153-7. doi: 10.1177/1591019915622165. Epub 2016 Feb 2. PubMed PMID: 26842611; PubMed Central PMCID: PMC4984348.
- 733: Towner JE, Johnson MD, Li YM. Intraventricular Hemangiopericytoma: A Case Report and Literature Review. *World Neurosurg.* 2016 May;89:728.e5-728.e10. doi: 10.1016/j.wneu.2016.01.056. Epub 2016 Feb 1. Review. PubMed PMID: 26836698.
- 734: Chu B, Wang H, Chen L, Gu Y, Hu S. Dual Nerve Transfers for Restoration of Shoulder Function After Brachial Plexus Avulsion Injury. *Ann Plast Surg.* 2016 Jun;76(6):668-73. doi: 10.1097/SAP.0000000000000747. PubMed PMID: 26835823.
- 735: Gloss D, Moxley RT 3rd, Ashwal S, Oskoui M. Practice guideline update summary: Corticosteroid treatment of Duchenne muscular dystrophy: Report of the Guideline Development Subcommittee of the American Academy of Neurology. *Neurology.* 2016 Feb 2;86(5):465-72. doi: 10.1212/WNL.0000000000002337. Review. PubMed PMID: 26833937; PubMed Central PMCID: PMC4773944.
- 736: Kass-Hout T, Kass-Hout O, Sun CJ, Kass-Hout TA, Nogueira R, Gupta R. Longer procedural times are independently associated with symptomatic intracranial hemorrhage in patients with large vessel occlusion stroke undergoing thrombectomy. *J Neurointerv Surg.* 2016 Dec;8(12):1217-1220. doi: 10.1136/neurintsurg-2015-012157. Epub 2016 Feb 1. PubMed PMID: 26833538.
- 737: Bandopadhyay P, Ramkissoon LA, Jain P, Bergthold G, Wala J, Zeid R, Schumacher SE, Urbanski L, O'Rourke R, Gibson WJ, Pelton K, Ramkissoon SH, Han HJ, Zhu Y, Choudhari N, Silva A, Boucher K, Henn RE, Kang YJ, Knoff D, Paolella BR, Gladden-Young A, Varlet P, Pages M, Horowitz PM, Federation A, Malkin H, Tracy AA, Seepo S, Ducar M, Van Hummelen P, Santi M, Buccoliero AM, Scagnetti M, Bowers DC, Giannini C, Puget S, Hawkins C, Tabori U, Klekner A, Bognar L, Burger PC, Eberhart C, Rodriguez FJ, Hill DA, Mueller S, Haas-Kogan DA, Phillips JJ, Santagata S, Stiles CD, Bradner JE, Jabado N, Goren A, Grill J, Ligon AH, Goumnerova L, Waanders AJ, Storm PB, Kieran MW, Ligon KL, Beroukhim R, Resnick AC. MYB-QKI rearrangements in angioblastic glioma drive tumorigenicity through a tripartite mechanism. *Nat Genet.* 2016 Mar;48(3):273-82. doi: 10.1038/ng.3500. Epub 2016 Feb 1. PubMed PMID: 26829751; PubMed Central PMCID: PMC4767685.
- 738: Cummings M, Dougherty DW, Mohile NA, Walter KA, Usuki KY, Milano MT. Severe radiation-induced leukoencephalopathy: Case report and literature review. *Adv Radiat Oncol.* 2016 Feb 2;1(1):17-20. doi: 10.1016/j.adro.2016.01.002. eCollection 2016 Jan-Mar. PubMed PMID: 28740871; PubMed Central PMCID: PMC5506716.
- 739: Atabaki SM, Hoyle JD Jr, Schunk JE, Monroe DJ, Alpern ER, Quayle KS, Glass TF, Badawy MK, Miskin M, Schalick WO, Dayan PS, Holmes JF, Kuppermann N. Comparison of Prediction Rules and Clinician Suspicion for Identifying Children With Clinically Important Brain Injuries After Blunt Head Trauma. *Acad Emerg Med.* 2016 May;23(5):566-75. doi: 10.1111/acem.12923. Epub 2016 Apr 20. PubMed PMID: 26825755.
- 740: De Ferrari GM, Dusi V, Spazzolini C, Bos JM, Abrams DJ, Berul CI, Crotti L, Eldar M, Kharlap M, Khouri A, Krahn AD, Leenhardt A, Moir CR, Odero A, Nordkamp LO, Paul T, I Noguer FR, Shkolnikova M, Till J, Wilde AA, Ackerman MJ, Schwartz PJ. Response to Letters Regarding Article, "Clinical Management of Catecholaminergic Polymorphic Ventricular Tachycardia: The Role of Left Cardiac Sympathetic Denervation". *Circulation.* 2016 Jan 26;133(4):e366-7. doi: 10.1161/CIRCULATIONAHA.115.019465. PubMed PMID: 26811283.

- 741: Macki M, Syeda S, Kerezoudis P, Gokaslan ZL, Bydon A, Bydon M. Preoperative motor strength and time to surgery are the most important predictors of improvement in foot drop due to degenerative lumbar disease. *J Neurol Sci.* 2016 Feb 15;361:133-6. doi: 10.1016/j.jns.2015.12.035. Epub 2015 Dec 23. PubMed PMID: 26810531.
- 742: Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adhikhetty PJ, Adler SG, Agam G, Agarwal R, Aghi MK, Agnello M, Agostinis P, Aguilar PV, Aguirre-Ghiso J, Airolidi EM, Ait-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezaei M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amantini C, Ambrosio S, Amelio I, Amer AO, Amessou M, Amon A, An Z, Anania FA, Andersen SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonioli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J, Arcaro A, Arias E, Arimoto H, Ariosa AR, Armstrong JL, Arnould T, Arsov I, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Auberger P, Auburger G, Aurelian L, Autelli R, Avagliano L, Avantaggiati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae DH, Bae JS, Bae ON, Bae SH, Baehrecke EH, Baek SH, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai XY, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A, Bassham DC, Bassi MT, Bast RC Jr, Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgartner BL, Bayer KU, Beale R, Beaulieu JF, Beck GR Jr, Becker C, Beckham JD, Bédard PA, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behrns KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhou B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagusch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincoletto C, Bingol B, Bird SW, Bitoun M, Bjedov I, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordi M, Bosch J, Botana LM, Botti J, Bou G, Bouché M, Bouchebareilh M, Boucher MJ, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P, Bridges D, Bringer MA, Brini M, Brito GC, Brodin B, Brookes PS, Brown EJ, Brown K, Broxmeyer HE, Bruhat A, Brum PC, Brumell JH, Brunetti-Pierri N, Bryson-Richardson RJ, Buch S, Buchan AM, Budak H, Bulavin DV, Bultman SJ, Bulyntck G, Bumbasirevic V, Burelle Y, Burke RE, Burmeister M, Bütkofer P, Caberlotto L, Cadwell K, Cahova M, Cai D, Cai J, Cai Q, Calatayud S, Camougrand N, Campanella M, Campbell GR, Campbell M, Campello S, Candau R, Caniggia I, Cantoni L, Cao L, Caplan AB, Caraglia M, Cardinali C, Cardoso SM, Carew JS, Carleton LA, Carlin CR, Carloni S, Carlsson SR, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carra S, Carrier A, Carroll B, Casas C, Casas J, Cassinelli G, Castets P, Castro-Obregon S, Cavallini G, Ceccherini I, Cecconi F, Cederbaum AI, Ceña V, Cenci S, Cerella C, Cervia D, Cetrullo S, Chaachouay H, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chamilos G, Chan EY, Chan MT, Chandra D, Chandra P, Chang CP, Chang RC, Chang TY, Chatham JC, Chatterjee S, Chauhan S, Che Y, Cheetham ME, Cheluvappa R, Chen CJ, Chen G, Chen GC, Chen G, Chen H, Chen JW, Chen JK, Chen M, Chen M, Chen P, Chen Q, Chen Q, Chen SD, Chen S, Chen SS, Chen W, Chen WJ, Chen WQ, Chen W, Chen X, Chen YH, Chen YG, Chen Y, Chen Y, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen Y, Chen Z, Chen Z, Cheng A, Cheng CH, Cheng H, Cheong H, Cherry S, Chesney J, Cheung CH, Chevet E, Chi HC, Chi SG, Chiacchiera F, Chiang HL, Chiarelli R, Chiariello M, Chieppa M, Chin LS, Chiong M, Chiu GN, Cho DH, Cho SG, Cho WC, Cho YY, Cho YS, Choi AM, Choi EJ, Choi EK, Choi J, Choi ME, Choi SI, Chou TF, Chouaib S, Choubey D, Choubey V, Chow KC, Chowdhury K, Chu CT, Chuang TH, Chun T, Chung H, Chung T, Chung YL, Chwae YJ, Cianfanelli V, Ciarcia R, Ciechomska IA, Ciriolo MR, Cirone M, Claerhout S, Clague MJ, Clària J, Clarke PG, Clarke R, Clementi E, Cleyrat C, Cnop M, Coccia EM, Cocco T, Codogno P, Coers J, Cohen EE, Colecchia D, Coletto L, Coll NS, Colucci-Guyon E, Comincini S, Condello M, Cook KL, Coombs GH, Cooper CD, Cooper JM, Coppens I, Corasaniti MT, Corazzari M, Corbalan R, Corcelle-Termeau E, Cordero MD, Corral-Ramos C, Corti O, Cossarizza A, Costelli P, Costes S, Cotman SL, Coto-Montes A, Cottet S, Couve E, Covey LR, Cowart LA,

Cox JS, Coxon FP, Coyne CB, Cragg MS, Craven RJ, Crepaldi T, Crespo JL, Criollo A, Crippa V, Cruz MT, Cuervo AM, Cuezva JM, Cui T, Cutillas PR, Czaja MJ, Czyzyk-Krzeska MF, Dagda RK, Dahmen U, Dai C, Dai W, Dai Y, Dalby KN, Dalla Valle L, Dalmasso G, D'Amelio M, Damme M, Darfeuille-Michaud A, Dargemont C, Darley-Usmar VM, Dasarathy S, Dasgupta B, Dash S, Dass CR, Davey HM, Davids LM, Dávila D, Davis RJ, Dawson TM, Dawson VL, Daza P, de Belleroche J, de Figueiredo P, de Figueiredo RC, de la Fuente J, De Martino L, De Matteis A, De Meyer GR, De Milito A, De Santi M, de Souza W, De Tata V, De Zio D, Debnath J, Dechant R, Decuypere JP, Deegan S, Dehay B, Del Bello B, Del Re DP, Delage-Mourroux R, Delbridge LM, Deldicque L, Delorme-Axford E, Deng Y, Dengjel J, Denizot M, Dent P, Der CJ, Deretic V, Derrien B, Deutsch E, Devarenne TP, Devenish RJ, Di Bartolomeo S, Di Daniele N, Di Domenico F, Di Nardo A, Di Paola S, Di Pietro A, Di Renzo L, DiAntonio A, Díaz-Araya G, Díaz-Laviada I, Diaz-Meco MT, Diaz-Nido J, Dickey CA, Dickson RC, Diederich M, Digard P, Dikic I, Dinesh-Kumar SP, Ding C, Ding WX, Ding Z, Dini L, Distler JH, Diwan A, Djavaheri-Mergny M, Dmytruk K, Dobson RC, Doetsch V, Dokladny K, Dokudovskaya S, Donadelli M, Dong XC, Dong X, Dong Z, Donohue TM Jr, Doran KS, D'Orazi G, Dorn GW 2nd, Dosenko V, Dridi S, Drucker L, Du J, Du LL, Du L, du Toit A, Dua P, Duan L, Duann P, Dubey VK, Duchen MR, Duchosal MA, Duez H, Dugail I, Dumit VI, Duncan MC, Dunlop EA, Dunn WA Jr, Dupont N, Dupuis L, Durán RV, Durcan TM, Duvezin-Caubet S, Duvvuri U, Eapen V, Ebrahimi-Fakhari D, Echard A, Eckhart L, Edelstein CL, Edinger AL, Eichinger L, Eisenberg T, Eisenberg-Lerner A, Eissa NT, El-Deiry WS, El-Khoury V, Elazar Z, Eldar-Finkelman H, Elliott CJ, Emanuele E, Emmenegger U, Engedal N, Engelbrecht AM, Engelender S, Enserink JM, Erdmann R, Erenpreisa J, Eri R, Eriksen JL, Erman A, Escalante R, Eskelinne EL, Espert L, Esteban-Martínez L, Evans TJ, Fabri M, Fabrias G, Fabrizi C, Facchiano A, Færgeman NJ, Faggioni A, Fairlie WD, Fan C, Fan D, Fan J, Fang S, Fanto M, Fanzani A, Farkas T, Faure M, Favier FB, Fearnhead H, Federici M, Fei E, Felizardo TC, Feng H, Feng Y, Feng Y, Ferguson TA, Fernández ÁF, Fernandez-Barrena MG, Fernandez-Checa JC, Fernández-López A, Fernandez-Zapico ME, Feron O, Ferraro E, Ferreira-Halder CV, Fesus L, Feuer R, Fiesel FC, Filippi-Chiela EC, Filomeni G, Fimia GM, Fingert JH, Finkbeiner S, Finkel T, Fiorito F, Fisher PB, Flajolet M, Flamigni F, Florey O, Florio S, Floto RA, Folini M, Follo C, Fon EA, Fornai F, Fortunato F, Fraldi A, Franco R, Francois A, François A, Frankel LB, Fraser ID, Frey N, Freyssenet DG, Frezza C, Friedman SL, Frigo DE, Fu D, Fuentes JM, Fueyo J, Fujitani Y, Fujiwara Y, Fujiya M, Fukuda M, Fulda S, Fusco C, Gabryel B, Gaestel M, Gailly P, Gajewska M, Galadari S, Galili G, Galindo I, Galindo MF, Galliciotti G, Galluzzi L, Galluzzi L, Galy V, Gammoh N, Gandy S, Ganesan AK, Ganesan S, Ganley IG, Gannagé M, Gao FB, Gao F, Gao JX, García Nannig L, García Véscovi E, Garcia-Macía M, Garcia-Ruiz C, Garg AD, Garg PK, Gargini R, Gassen NC, Gatica D, Gatti E, Gavard J, Gavathiotis E, Ge L, Ge P, Ge S, Gean PW, Gelmetti V, Genazzani AA, Geng J, Genschik P, Gerner L, Gestwicki JE, Gewirtz DA, Ghavami S, Ghigo E, Ghosh D, Giannmarioli AM, Giampieri F, Giampietri C, Giatromanolaki A, Gibbings DJ, Gibellini L, Gibson SB, Ginet V, Giordano A, Giorgini F, Giovannetti E, Girardin SE, Gispert S, Giuliano S, Gladson CL, Glavic A, Gleave M, Godefroy N, Gogal RM Jr, Gokulan K, Goldman GH, Goletti D, Goligorsky MS, Gomes AV, Gomes LC, Gomez H, Gomez-Manzano C, Gómez-Sánchez R, Gonçalves DA, Goncu E, Gong Q, Gongora C, Gonzalez CB, Gonzalez-Alegre P, Gonzalez-Cabo P, González-Polo RA, Goping IS, Gorbea C, Gorbunov NV, Goring DR, Gorman AM, Gorski SM, Goruppi S, Goto-Yamada S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graba Y, Graef M, Granato GE, Grant GD, Grant S, Gravina GL, Green DR, Greenhough A, Greenwood MT, Grimaldi B, Gros F, Grose C, Groulx JF, Gruber F, Grumati P, Grune T, Guan JL, Guan KL, Guerra B, Guillen C, Gulshan K, Gunst J, Guo C, Guo L, Guo M, Guo W, Guo XG, Gust AA, Gustafsson ÅB, Gutierrez E, Gutierrez MG, Gwak HS, Haas A, Haber JE, Hadano S, Hagedorn M, Hahn DR, Halayko AJ, Hamacher-Brady A, Hamada K, Hamai A, Hamann A, Hamasaki M, Hamer I, Hamid Q, Hammond EM, Han F, Han W, Handa JT, Hanover JA, Hansen M, Harada M, Harhaji-Trajkovic L, Harper JW, Harrath AH, Harris AL, Harris J, Hasler U, Hasselblatt P, Hasui K, Hawley RG, Hawley TS, He C, He CY, He F, He G, He RR, He XH, He YY, Heath JK, Hébert MJ, Heinzen RA, Helgason GV, Hensel M, Henske EP, Her C, Herman PK, Hernández A, Hernandez C, Hernández-Tiedra S, Hetz C, Hiesinger PR, Higaki K, Hilfiker S, Hill BG, Hill JA, Hill WD, Hino K, Hofius D, Hofman P, Höglinder GU, Höhfeld J, Holz MK, Hong Y, Hood DA, Hoozemans JJ, Hoppe T, Hsu C, Hsu CY, Hsu LC, Hu D, Hu G, Hu HM, Hu H, Hu MC, Hu YC, Hu ZW,

Hua F, Hua Y, Huang C, Huang HL, Huang KH, Huang KY, Huang S, Huang S, Huang WP, Huang YR, Huang Y, Huang Y, Huber TB, Huebbe P, Huh WK, Hulmi JJ, Hur GM, Hurley JH, Husak Z, Hussain SN, Hussain S, Hwang JJ, Hwang S, Hwang TI, Ichihara A, Imai Y, Imbriano C, Inomata M, Into T, Iovane V, Iovanna JL, Iozzo RV, Ip NY, Irazoqui JE, Iribarren P, Isaka Y, Isakovic AJ, Ischiropoulos H, Isenberg JS, Ishaq M, Ishida H, Ishii I, Ishmael JE, Isidoro C, Isobe K, Isono E, Issazadeh-Navikas S, Itahana K, Itakura E, Ivanov AI, Iyer AK, Izquierdo JM, Izumi Y, Izzo V, Jäättelä M, Jaber N, Jackson DJ, Jackson WT, Jacob TG, Jacques TS, Jagannath C, Jain A, Jana NR, Jang BK, Jani A, Janji B, Jannig PR, Jansson PJ, Jean S, Jendrach M, Jeon JH, Jessen N, Jeung EB, Jia K, Jia L, Jiang H, Jiang H, Jiang L, Jiang T, Jiang X, Jiang X, Jiang X, Jiang Y, Jiang Y, Jiménez A, Jin C, Jin H, Jin L, Jin M, Jin S, Jinwal UK, Jo EK, Johansen T, Johnson DE, Johnson GV, Johnson JD, Jonasch E, Jones C, Joosten LA, Jordan J, Joseph AM, Joseph B, Joubert AM, Ju D, Ju J, Juan HF, Juenemann K, Juhász G, Jung HS, Jung JU, Jung YK, Jungbluth H, Justice MJ, Jutten B, Kaakoush NO, Kaarniranta K, Kaasik A, Kabuta T, Kaeffer B, Kågedal K, Kahana A, Kajimura S, Kakhlon O, Kalia M, Kalvakolanu DV, Kamada Y, Kambas K, Kaminskyy VO, Kampinga HH, Kandouz M, Kang C, Kang R, Kang TC, Kanki T, Kanneganti TD, Kanno H, Kanthasamy AG, Kantorow M, Kaparakis-Liaskos M, Kapuy O, Karantza V, Karim MR, Karmakar P, Kaser A, Kaushik S, Kawula T, Kaynar AM, Ke PY, Ke ZJ, Kehrl JH, Keller KE, Kemper JK, Kenworthy AK, Kepp O, Kern A, Kesari S, Kessel D, Ketteler R, Kettelhut Ido C, Khambu B, Khan MM, Khandelwal VK, Khare S, Kiang JG, Kiger AA, Kihara A, Kim AL, Kim CH, Kim DR, Kim DH, Kim EK, Kim HY, Kim HR, Kim JS, Kim JH, Kim JC, Kim JH, Kim KW, Kim MD, Kim MM, Kim PK, Kim SW, Kim SY, Kim YS, Kim Y, Kimchi A, Kimmelman AC, Kimura T, King JS, Kirkegaard K, Kirkin V, Kirshenbaum LA, Kishi S, Kitajima Y, Kitamoto K, Kitaoka Y, Kitazato K, Kley RA, Klimecki WT, Klinkenberg M, Klucken J, Knævelsrud H, Knecht E, Knuppertz L, Ko JL, Kobayashi S, Koch JC, Koechlin-Ramonatxo C, Koenig U, Koh YH, Köhler K, Kohlwein SD, Koike M, Komatsu M, Kominami E, Kong D, Kong HJ, Konstantakou EG, Kopp BT, Korcsmaros T, Korhonen L, Korolchuk VI, Koskina NV, Kou Y, Koukourakis MI, Koumenis C, Kovács AL, Kovács T, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung HJ, Kuno A, Kuo SH, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T, Lamark T, Lancel S, Landowski TH, Lane DJ, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkarinen J, Laurie GW, Lavandero S, Lavie L, LaVoie MJ, Law BY, Law HK, Law KB, Layfield R, Lazo PA, Le Cam L, Le Roch KG, Le Stunff H, Leardkamolkarn V, Lecuit M, Lee BH, Lee CH, Lee EF, Lee GM, Lee HJ, Lee H, Lee JK, Lee J, Lee JH, Lee JH, Lee M, Lee MS, Lee PJ, Lee SW, Lee SJ, Lee SJ, Lee SY, Lee SH, Lee SS, Lee SJ, Lee S, Lee YR, Lee YJ, Lee YH, Leeuwenburgh C, Lefort S, Legouis R, Lei J, Lei QY, Leib DA, Leibowitz G, Lekli I, Lemaire SD, Lemasters JJ, Lemberg MK, Lemoine A, Leng S, Lenz G, Lenzi P, Lerman LO, Lettieri Barbato D, Leu JL, Leung HY, Levine B, Lewis PA, Lezoualc'h F, Li C, Li F, Li FJ, Li J, Li K, Li L, Li M, Li M, Li Q, Li R, Li S, Li W, Li W, Li X, Li Y, Lian J, Liang C, Liang Q, Liao Y, Liberal J, Liberski PP, Lie P, Lieberman AP, Lim HJ, Lim KL, Lim K, Lima RT, Lin CS, Lin CF, Lin F, Lin F, Lin FC, Lin K, Lin KH, Lin PH, Lin T, Lin WW, Lin YS, Lin Y, Linden R, Lindholm D, Lindqvist LM, Lingor P, Linkermann A, Liotta LA, Lipinski MM, Lira VA, Lisanti MP, Liton PB, Liu B, Liu C, Liu CF, Liu F, Liu HJ, Liu J, Liu JJ, Liu JL, Liu K, Liu L, Liu L, Liu Q, Liu RY, Liu S, Liu S, Liu W, Liu XD, Liu X, Liu XH, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Z, Liu Z, Liuzzi JP, Lizard G, Ljubic M, Lodhi IJ, Logue SE, Lokeshwar BL, Long YC, Lonial S, Loos B, López-Otín C, López-Vicario C, Lorente M, Lorenzi PL, Lörincz P, Los M, Lotze MT, Lovat PE, Lu B, Lu B, Lu J, Lu Q, Lu SM, Lu S, Lu Y, Luciano F, Luckhart S, Lucocq JM, Ludovico P, Lugea A, Lukacs NW, Lum JJ, Lund AH, Luo H, Luo J, Luo S, Luparello C, Lyons T, Ma J, Ma Y, Ma Y, Ma Z, Machado J, Machado-Santelli GM, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, MacMicking JD, MacMillan-Crow LA, Madeo F, Madesh M, Madrigal-Matute J, Maeda A, Maeda T, Maegawa G, Maellaro E, Maes H, Magariños M, Maiiese K, Maiti TK, Maiuri L, Maiuri MC, Maki CG, Malli R, Malorni W, Maloyan A, Mami-Chouaib F, Man N, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manié SN, Manzoni C, Mao K, Mao Z, Mao ZW, Marambaud P, Marconi AM, Marelja Z, Marfe G, Margeta M, Margittai E, Mari M, Mariani FV, Marin C, Marinelli S, Mariño G, Markovic I, Marquez R, Martelli AM, Martens S, Martin KR, Martin SJ, Martin S, Martin-Acebes MA, Martín-Sanz P, Martinand-Mari C, Martinet W, Martinez J, Martinez-Lopez N,

Martinez-Outschoorn U, Martínez-Velázquez M, Martinez-Vicente M, Martins WK, Mashima H, Mastrianni JA, Matarese G, Matarrese P, Mateo R, Matoba S, Matsumoto N, Matsushita T, Matsuura A, Matsuzawa T, Mattson MP, Matus S, Maugeri N, Mauvezin C, Mayer A, Maysinger D, Mazzolini GD, McBrayer MK, McCall K, McCormick C, McInerney GM, McIver SC, McKenna S, McMahon JJ, McNeish IA, Mechta-Grigoriou F, Medema JP, Medina DL, Megyeri K, Mehrpour M, Mehta JL, Mei Y, Meier UC, Meijer AJ, Meléndez A, Melino G, Melino S, de Melo EJ, Mena MA, Meneghini MD, Menendez JA, Menezes R, Meng L, Meng LH, Meng S, Menghini R, Menko AS, Menna-Barreto RF, Menon MB, Meraz-Ríos MA, Merla G, Merlini L, Merlot AM, Meryk A, Meschini S, Meyer JN, Mi MT, Miao CY, Micale L, Michaeli S, Michiels C, Migliaccio AR, Mihailidou AS, Mijaljica D, Mikoshiba K, Milan E, Miller-Fleming L, Mills GB, Mills IG, Minakaki G, Minassian BA, Ming XF, Minabayeva F, Minina EA, Mintern JD, Minucci S, Miranda-Vizuete A, Mitchell CH, Miyamoto S, Miyazawa K, Mizushima N, Mnich K, Mograbi B, Mohseni S, Moita LF, Molinari M, Molinari M, Möller AB, Mollereau B, Mollinedo F, Mongillo M, Monick MM, Montagnaro S, Montell C, Moore DJ, Moore MN, Mora-Rodriguez R, Moreira PI, Morel E, Morelli MB, Moreno S, Morgan MJ, Moris A, Moriyasu Y, Morrison JL, Morrison LA, Morselli E, Moscat J, Moseley PL, Mostowy S, Motori E, Mottet D, Mottram JC, Moussa CE, Mpakou VE, Mukhtar H, Mulcahy Levy JM, Muller S, Muñoz-Moreno R, Muñoz-Pinedo C, Münz C, Murphy ME, Murray JT, Murthy A, Mysorekar IU, Nabi IR, Nabissi M, Nader GA, Nagahara Y, Nagai Y, Nagata K, Nagelkerke A, Nagy P, Naidu SR, Nair S, Nakano H, Nakatogawa H, Nanjundan M, Napolitano G, Naqvi NI, Nardacci R, Narendra DP, Narita M, Nascimbeni AC, Natarajan R, Navegantes LC, Nawrocki ST, Nazarko TY, Nazarko VY, Neill T, Neri LM, Netea MG, Netea-Maier RT, Neves BM, Ney PA, Nezis IP, Nguyen HT, Nguyen HP, Nicot AS, Nilsen H, Nilsson P, Nishimura M, Nishino I, Niso-Santano M, Niu H, Nixon RA, Njar VC, Noda T, Noegel AA, Nolte EM, Norberg E, Norga KK, Noureini SK, Notomi S, Notterpek L, Nowikovsky K, Nukina N, Nürnberg T, O'Donnell VB, O'Donovan T, O'Dwyer PJ, Oehme I, Oeste CL, Ogawa M, Ogretmen B, Ogura Y, Oh YJ, Ohmuraya M, Ohshima T, Ojha R, Okamoto K, Okazaki T, Oliver FJ, Ollinger K, Olsson S, Orban DP, Ordóñez P, Orhon I, Orosz L, O'Rourke EJ, Orozco H, Ortega AL, Ortona E, Osellame LD, Oshima J, Oshima S, Osiewacz HD, Otomo T, Otsu K, Ou JH, Outeiro TF, Ouyang DY, Ouyang H, Overholtzer M, Ozbulu MA, Ozdinler PH, Ozpolat B, Pacelli C, Paganetti P, Page G, Pages G, Pagnini U, Pajak B, Pak SC, Pakos-Zebrucka K, Pakpour N, Palková Z, Palladino F, Pallauf K, Pallet N, Palmieri M, Paludan SR, Palumbo C, Palumbo S, Pampliega O, Pan H, Pan W, Panaretakis T, Pandey A, Pantazopoulou A, Papackova Z, Papademetrio DL, Papassideri I, Papini A, Parajuli N, Pardo J, Parekh VV, Parenti G, Park JL, Park J, Park OK, Parker R, Parlato R, Parys JB, Parzych KR, Pasquet JM, Pasquier B, Pasumarthi KB, Patschan D, Patterson C, Pattingre S, Pattison S, Pause A, Pavenstädt H, Pavone F, Pedrozo Z, Peña FJ, Peñalva MA, Pende M, Peng J, Penna F, Penninger JM, Pensalfini A, Pepe S, Pereira GJ, Pereira PC, Pérez-de la Cruz V, Pérez-Pérez ME, Pérez-Rodríguez D, Pérez-Sala D, Perier C, Perl A, Perlmutter DH, Perrotta I, Pervaiz S, Pesonen M, Pessin JE, Peters GJ, Petersen M, Petrache I, Petrof BJ, Petrovski G, Phang JM, Piacentini M, Pierdominici M, Pierre P, Pierrefite-Carle V, Pietrocola F, Pimentel-Muiños FX, Pinar M, Pineda B, Pinkas-Kramarski R, Pinti M, Pinton P, Piperdi B, Piret JM, Platanias LC, Platta HW, Plowey ED, Pöggeler S, Poirot M, Polčík P, Poletti A, Poon AH, Popelka H, Popova B, Poprawa I, Poulose SM, Poulton J, Powers SK, Powers T, Pozuelo-Rubio M, Prak K, Prange R, Prescott M, Priault M, Prince S, Proia RL, Proikas-Cezanne T, Prokisch H, Promponas VJ, Przyklenk K, Puertollano R, Pugazhenthi S, Puglielli L, Pujol A, Puyal J, Pyeon D, Qi X, Qian WB, Qin ZH, Qiu Y, Qu Z, Quadrilatero J, Quinn F, Raben N, Rabinowich H, Radogna F, Ragusa MJ, Rahmani M, Raina K, Ramanadham S, Ramesh R, Rami A, Randall-Demllo S, Ransom F, Rao H, Rao VA, Rasmussen BB, Rasse TM, Ratovitski EA, Rautou PE, Ray SK, Razani B, Reed BH, Reggiori F, Rehm M, Reichert AS, Rein T, Reiner DJ, Reits E, Ren J, Ren X, Renna M, Reusch JE, Revuelta JL, Reyes L, Rezaie AR, Richards RI, Richardson DR, Richetta C, Riehle MA, Rihn BH, Rikihisa Y, Riley BE, Rimbach G, Rippo MR, Ritis K, Rizzi F, Rizzo E, Roach PJ, Robbins J, Roberge M, Roca G, Roccheri MC, Rocha S, Rodrigues CM, Rodríguez CI, de Córdoba SR, Rodriguez-Muela N, Roelofs J, Rogov VV, Rohn TT, Rohrer B, Romanelli D, Romani L, Romano PS, Roncero MI, Rosa JL, Rosello A, Rosen KV, Rosenstiel P, Rost-Roszkowska M, Roth KA, Roué G, Rouis M, Rouschop KM, Ruan DT, Ruano D, Rubinsztein DC, Rucker EB 3rd, Rudich A, Rudolf E, Rudolf R, Ruegg MA, Ruiz-Roldan C, Ruparelia AA, Rusmini P, Russ DW, Russo GL, Russo G, Russo R, Rusten TE, Ryabovol V,

Ryan KM, Ryter SW, Sabatini DM, Sacher M, Sachse C, Sack MN, Sadoshima J, Saftig P, Sagi-Eisenberg R, Sahni S, Saikumar P, Saito T, Saitoh T, Sakakura K, Sakoh-Nakatogawa M, Sakuraba Y, Salazar-Roa M, Salomoni P, Saluja AK, Salvaterra PM, Salvioli R, Samali A, Sanchez AM, Sánchez-Alcázar JA, Sanchez-Prieto R, Sandri M, Sanjuan MA, Santaguida S, Santambrogio L, Santoni G, Dos Santos CN, Saran S, Sardiello M, Sargent G, Sarkar P, Sarkar S, Sarrias MR, Sarwal MM, Sasakawa C, Sasaki M, Sass M, Sato K, Sato M, Satriano J, Savaraj N, Saveljeva S, Schaefer L, Schaible UE, Scharl M, Schatzl HM, Schekman R, Scheper W, Schiavi A, Schipper HM, Schmeisser H, Schmidt J, Schmitz I, Schneider BE, Schneider EM, Schneider JL, Schon EA, Schönenberger MJ, Schönthal AH, Schorderet DF, Schröder B, Schuck S, Schulze RJ, Schwarten M, Schwarz TL, Sciarretta S, Scott K, Scovassi AI, Scream RA, Screen M, Seca H, Sedej S, Segatori L, Segev N, Seglen PO, Seguí-Simarro JM, Segura-Aguilar J, Seki E, Sell C, Seiliez I, Semenkovich CF, Semenza GL, Sen U, Serra AL, Serrano-Puebla A, Sesaki H, Setoguchi T, Settembre C, Shacka JJ, Shajahan-Haq AN, Shapiro IM, Sharma S, She H, Shen CK, Shen CC, Shen HM, Shen S, Shen W, Sheng R, Sheng X, Sheng ZH, Shepherd TG, Shi J, Shi Q, Shi Q, Shi Y, Shibutani S, Shibusawa K, Shidoji Y, Shieh JJ, Shih CM, Shimada Y, Shimizu S, Shin DW, Shinohara ML, Shintani M, Shintani T, Shioi T, Shirabe K, Shiri-Sverdlov R, Shirihai O, Shore GC, Shu CW, Shukla D, Sibirny AA, Sica V, Sigurdson CJ, Sigurdsson EM, Sijwali PS, Sikorska B, Silveira WA, Silvente-Poirot S, Silverman GA, Simak J, Simmet T, Simon AK, Simon HU, Simone C, Simons M, Simonsen A, Singh R, Singh SV, Singh SK, Sinha D, Sinha S, Sinicrope FA, Sirko A, Sirohi K, Sishi BJ, Sittler A, Siu PM, Sivridis E, Skwarska A, Slack R, Slaninová I, Slavov N, Smaili SS, Smalley KS, Smith DR, Soenen SJ, Soleimanpour SA, Solhaug A, Somasundaram K, Son JH, Sonawane A, Song C, Song F, Song HK, Song JX, Song W, Soo KY, Sood AK, Soong TW, Soontornniyomkij V, Sorice M, Sotgia F, Soto-Pantoja DR, Sotthibundhu A, Sousa MJ, Spaink HP, Span PN, Spang A, Sparks JD, Speck PG, Spector SA, Spies CD, Springer W, Clair DS, Stacchiotti A, Staels B, Stang MT, Starczynowski DT, Starokadomskyy P, Steegborn C, Steele JW, Stefanis L, Steffan J, Stellrecht CM, Stenmark H, Stepkowski TM, Stern ST, Stevens C, Stockwell BR, Stoka V, Storchova Z, Stork B, Stratoulias V, Stravopodis DJ, Strnad P, Strohecker AM, Ström AL, Stromhaug P, Stulik J, Su YX, Su Z, Subauste CS, Subramaniam S, Sue CM, Suh SW, Sui X, Sukserree S, Sulzer D, Sun FL, Sun J, Sun J, Sun SY, Sun Y, Sun Y, Sun Y, Sundaramoorthy V, Sung J, Suzuki H, Suzuki K, Suzuki N, Suzuki T, Suzuki YJ, Swanson MS, Swanton C, Swärd K, Swarup G, Sweeney ST, Sylvester PW, Szatmari Z, Szegezdi E, Szlosarek PW, Taegtmeier H, Tafani M, Taillebourg E, Tait SW, Takacs-Vellai K, Takahashi Y, Takáts S, Takemura G, Takigawa N, Talbot NJ, Tamagno E, Tamburini J, Tan CP, Tan L, Tan ML, Tan M, Tan YJ, Tanaka K, Tanaka M, Tang D, Tang D, Tang G, Tanida I, Tanji K, Tannous BA, Tapia JA, Tasset-Cuevas I, Tatar M, Tavassoly I, Tavernarakis N, Taylor A, Taylor GS, Taylor GA, Taylor JP, Taylor MJ, Tchetina EV, Tee AR, Teixeira-Clerc F, Telang S, Tencomnao T, Teng BB, Teng RJ, Terro F, Tettamanti G, Theiss AL, Theron AE, Thomas KJ, Thomé MP, Thomas PG, Thorburn A, Thorner J, Thum T, Thumm M, Thurston TL, Tian L, Till A, Ting JP, Titorenko VI, Toker L, Toldo S, Tooze SA, Topisirovic I, Torgersen ML, Torosantucci L, Torriglia A, Torrisi MR, Tournier C, Towns R, Trajkovic V, Travassos LH, Triola G, Tripathi DN, Trisciuglio D, Troncoso R, Trougakos IP, Truttmann AC, Tsai KJ, Tschan MP, Tseng YH, Tsukuba T, Tsung A, Tsvetkov AS, Tu S, Tuan HY, Tucci M, Tumbarello DA, Turk B, Turk V, Turner RF, Tveita AA, Tyagi SC, Ubukata M, Uchiyama Y, Udelnow A, Ueno T, Umekawa M, Umekiya-Shirafuji R, Underwood BR, Ungermann C, Ureshino RP, Ushioda R, Uversky VN, Uzcátegui NL, Vaccari T, Vaccaro MI, Váchorová L, Vakifahmetoglu-Norberg H, Valdor R, Valente EM, Vallette F, Valverde AM, Van den Berghe G, Van Den Bosch L, van den Brink GR, van der Goot FG, van der Klei IJ, van der Laan LJ, van Doorn WG, van Egmond M, van Golen KL, Van Kaer L, van Lookeren Campagne M, Vandenberghe P, Vandenberghe W, Vanhorebeek I, Varela-Nieto I, Vasconcelos MH, Vasko R, Vavvas DG, Vega-Naredo I, Velasco G, Velentzas AD, Velentzas PD, Vellai T, Vellenga E, Vendelbo MH, Venkatachalam K, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira HL, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Visconti MT, Vitale G, Vogl DT, Voitsekhskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang

MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang YT, Wang Y, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Weihl CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson PR, Winklhofer KF, Witkin SS, Wohlgemuth SE, Wollert T, Wolvetang EJ, Wong E, Wong GW, Wong RW, Wong VK, Woodcock EA, Wright KL, Wu C, Wu D, Wu GS, Wu J, Wu J, Wu M, Wu M, Wu S, Wu WK, Wu Y, Wu Z, Xavier CP, Xavier RJ, Xia GX, Xia T, Xia W, Xia Y, Xiao H, Xiao J, Xiao S, Xiao W, Xie CM, Xie Z, Xie Z, Xilouri M, Xiong Y, Xu C, Xu C, Xu F, Xu H, Xu H, Xu J, Xu J, Xu L, Xu X, Xu Y, Xu ZX, Xu Z, Xue Y, Yamada T, Yamamoto A, Yamanaka K, Yamashina S, Yamashiro S, Yan B, Yan B, Yan X, Yan Z, Yanagi Y, Yang DS, Yang JM, Yang L, Yang M, Yang PM, Yang P, Yang Q, Yang W, Yang WY, Yang X, Yang Y, Yang Y, Yang Z, Yang Z, Yao MC, Yao PJ, Yao X, Yao Z, Yao Z, Yasui LS, Ye M, Yedvobnick B, Yeganeh B, Yeh ES, Yeyati PL, Yi F, Yi L, Yin XM, Yip CK, Yoo YM, Yoo YH, Yoon SY, Yoshida K, Yoshimori T, Young KH, Yu H, Yu JJ, Yu JT, Yu J, Yu L, Yu WH, Yu XF, Yu Z, Yuan J, Yuan ZM, Yue BY, Yue J, Yue Z, Zacks DN, Zacksenhaus E, Zaffaroni N, Zaglia T, Zakeri Z, Zecchini V, Zeng J, Zeng M, Zeng Q, Zervos AS, Zhang DD, Zhang F, Zhang G, Zhang GC, Zhang H, Zhang H, Zhang H, Zhang J, Zhang J, Zhang J, Zhang J, Zhang JP, Zhang L, Zhang L, Zhang L, Zhang MY, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhao M, Zhao WL, Zhao X, Zhao YG, Zhao Y, Zhao Y, Zhao YX, Zhao Z, Zhao ZJ, Zheng D, Zheng XL, Zheng X, Zhivotovsky B, Zhong Q, Zhou GZ, Zhou G, Zhou H, Zhou SF, Zhou XJ, Zhu H, Zhu H, Zhu WG, Zhu W, Zhu XF, Zhu Y, Zhuang SM, Zhuang X, Ziparo E, Zois CE, Zoladek T, Zong WX, Zorzano A, Zughaiyer SM. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*. 2016;12(1):1-222. doi: 10.1080/15548627.2015.1100356. Erratum in: *Autophagy*. 2016;12(2):443. Selliez, Iban [corrected to Seiliez, Iban]. PubMed PMID: 26799652; PubMed Central PMCID: PMC4835977.

743: Desy NM, Wang H, Elshiekh MA, Tanaka S, Choi TW, Howe BM, Spinner RJ. Intraneuronal ganglion cysts: a systematic review and reinterpretation of the world's literature. *J Neurosurg*. 2016 Sep;125(3):615-30. doi: 10.3171/2015.9.JNS141368. Epub 2016 Jan 22. Review. PubMed PMID: 26799306.

744: Petr O, Brinjikji W, Cloft H, Kallmes DF, Lanzino G. Current Trends and Results of Endovascular Treatment of Unruptured Intracranial Aneurysms at a Single Institution in the Flow-Diverter Era. *AJNR Am J Neuroradiol*. 2016 Jun;37(6):1106-13. doi: 10.3174/ajnr.A4699. Epub 2016 Jan 21. PubMed PMID: 26797138.

745: Rouchaud A, Brinjikji W, Cloft HJ, Lanzino G, Becske T, Kallmes DF. Smoking Does Not Affect Occlusion Rates and Morbidity-Mortality after Pipeline Embolization for Intracranial Aneurysms. *AJNR Am J Neuroradiol*. 2016 Jun;37(6):1122-6. doi: 10.3174/ajnr.A4664. Epub 2016 Jan 21. PubMed PMID: 26797135.

746: Ross EK, Kim JP, Settell ML, Han SR, Blaha CD, Min HK, Lee KH. Fornix deep brain stimulation circuit effect is dependent on major excitatory transmission via the nucleus accumbens. *Neuroimage*. 2016 Mar;128:138-148. doi: 10.1016/j.neuroimage.2015.12.056. Epub 2016 Jan 11. PubMed PMID: 26780572; PubMed Central PMCID: PMC4764383.

747: Navarrete E, Mahon BZ, Lorenzoni A, Peressotti F. What can Written-Words Tell us About Lexical Retrieval in Speech Production? *Front Psychol*. 2016 Jan 6;6:1982. doi: 10.3389/fpsyg.2015.01982. eCollection 2015. PubMed PMID: 26779090; PubMed Central PMCID: PMC4701968.

748: Yankeelov TE, Mankoff DA, Schwartz LH, Lieberman FS, Buatti JM, Mountz JM, Erickson BJ, Fennessy FM, Huang W, Kalpathy-Cramer J, Wahl RL, Linden HM, Kinahan PE, Zhao B, Hylton NM,

Gillies RJ, Clarke L, Nordstrom R, Rubin DL. Quantitative Imaging in Cancer Clinical Trials. *Clin Cancer Res.* 2016 Jan 15;22(2):284-90. doi: 10.1158/1078-0432.CCR-14-3336. Review. PubMed PMID: 26773162; PubMed Central PMCID: PMC4717912.

749: Park MS, Kilburg C, Taussky P, Albuquerque FC, Kallmes DF, Levy EI, Jabbour P, Szikora I, Boccardi E, Hanel RA, Bonafé A, McDougall CG. Pipeline Embolization Device with or without Adjunctive Coil Embolization: Analysis of Complications from the IntrePED Registry. *AJNR Am J Neuroradiol.* 2016 Jun;37(6):1127-31. doi: 10.3174/ajnr.A4678. Epub 2016 Jan 14. PubMed PMID: 26767709.

750: Citerio G, Cypel M, Dobb GJ, Dominguez-Gil B, Frontera JA, Greer DM, Manara AR, Shemie SD, Smith M, Valenza F, Wijdicks EF. Organ donation in adults: a critical care perspective. *Intensive Care Med.* 2016 Mar;42(3):305-15. doi: 10.1007/s00134-015-4191-5. Epub 2016 Jan 11. Review. PubMed PMID: 26754754.

751: Capek S, Amrami KK, Howe BM, Collins MS, Sandroni P, Cheville JC, Spinner RJ. Sequential imaging of intraneural sciatic nerve endometriosis provides insight into symptoms of cyclical sciatica. *Acta Neurochir (Wien).* 2016 Mar;158(3):507-12; discussion 512. doi: 10.1007/s00701-015-2683-2. Epub 2016 Jan 7. PubMed PMID: 26743918.

752: Xia N, Liu Y, Zhong M, Zhuge Q, Fan L, Chen W, Yang Y, Zhao B. Smoking Associated with Increased Aneurysm Size in Patients with Anterior Communicating Artery Aneurysms. *World Neurosurg.* 2016 Mar;87:155-61. doi: 10.1016/j.wneu.2015.11.094. Epub 2015 Dec 28. PubMed PMID: 26732962.

753: DeLong WB, Polissar NL, Neradilek MB, Laam LA. To the Editor: "Re: Controversy: Acute Cauda Equina Syndrome Caused by a Disk Lesion: Is Emergent Surgery the Correct Option?" by Mahadevappa et al; "Surgical Decompression Remains the Standard of Care," by McLain et al. *Spine (Phila Pa 1976).* 2015 Oct 15;40(20):E1120. doi: 10.1097/BRS.0000000000001098. PubMed PMID: 26731711.

754: Rogers AJ, Kuppermann N, Thelen AE, Stanley RM, Maher CO. Children With Arachnoid Cysts Who Sustain Blunt Head Trauma: Injury Mechanisms and Outcomes. *Acad Emerg Med.* 2016 Mar;23(3):358-61. doi: 10.1111/acem.12887. Epub 2016 Feb 17. PubMed PMID: 26728086.

755: Bydon M, Lin JA, De la Garza-Ramos R, Macki M, Kosztowski T, Sciubba DM, Wolinsky JP, Witham TF, Gokaslan ZL, Bydon A. Time to Surgery and Outcomes in Cauda Equina Syndrome: An Analysis of 45 Cases. *World Neurosurg.* 2016 Mar;87:110-5. doi: 10.1016/j.wneu.2015.12.054. Epub 2015 Dec 24. PubMed PMID: 26724637.

756: Meyer FB, Bruce JN. Introduction to Microsurgery of the Third Ventricle, Pineal Region, and Tentorial Incisura. *Neurosurg Focus.* 2016 Jan;40 Video Suppl 1:2016.1.FocusVid.Intro. doi: 10.3171/2016.1.FocusVid.Intro. PubMed PMID: 26722695.

757: Zhao B, Tan X, Yang H, Li Z, Zheng K, Xiong Y, Zhong M; AMPAS Group. Endovascular Coiling versus Surgical Clipping for Poor-Grade Ruptured Intracranial Aneurysms: Postoperative Complications and Clinical Outcome in a Multicenter Poor-Grade Aneurysm Study. *AJNR Am J Neuroradiol.* 2016 May;37(5):873-8. doi: 10.3174/ajnr.A4649. Epub 2015 Dec 31. PubMed PMID: 26721769.

758: Greer DM, Wang HH, Robinson JD, Varelas PN, Henderson GV, Wijdicks EF. Variability of Brain Death Policies in the United States. *JAMA Neurol.* 2016 Feb;73(2):213-8. doi: 10.1001/jamaneurol.2015.3943. PubMed PMID: 26719912.

- 759: Mahon BZ, Navarrete E. Modelling lexical access in speech production as a ballistic process. *Lang Cogn Neurosci.* 2016;31(4):521-523. doi: 10.1080/23273798.2015.1129060. Epub 2016 Jan 25. PubMed PMID: 28580364; PubMed Central PMCID: PMC5455780.
- 760: Knight RA, Nagaraja TN, Li L, Jiang Q, Tundo K, Chopp M, Seyfried DM. A Prospective Safety Trial of Atorvastatin Treatment to Assess Rebleeding after Spontaneous Intracerebral Hemorrhage: A Serial MRI Investigation. *Austin J Cerebrovasc Dis Stroke.* 2016;3(1). pii: 1043. Epub 2016 Jul 20. PubMed PMID: 28529979; PubMed Central PMCID: PMC5436718.
- 761: Kuratani J, Pearl PL, Sullivan LR, Riel-Romero RMS, Cheek J, Stecker MM, Orta DSJ, Selioutsaki O, Sinha SR, Drislane FW, Tsuchida TN. American Clinical Neurophysiology Society Guideline 5: Minimum Technical Standards for Pediatric Electroencephalography. *Neurodiagn J.* 2016;56(4):266-275. doi: 10.1080/21646821.2016.1245568. PubMed PMID: 28436801.
- 762: Frontera JA, Lewin JJ 3rd, Rabinstein AA, Aisiku IP, Alexandrov AW, Cook AM, del Zoppo GJ, Kumar MA, Peerschke EI, Stiefel MF, Teitelbaum JS, Wartenberg KE, Zerfoss CL. Guideline for Reversal of Antithrombotics in Intracranial Hemorrhage: A Statement for Healthcare Professionals from the Neurocritical Care Society and Society of Critical Care Medicine. *Neurocrit Care.* 2016 Feb;24(1):6-46. doi: 10.1007/s12028-015-0222-x. Review. PubMed PMID: 26714677.
- 763: Vaubel RA, Chen SG, Raleigh DR, Link MJ, Chicoine MR, Barani I, Jenkins SM, Aleff PA, Rodriguez FJ, Burger PC, Dahiya S, Perry A, Giannini C. Meningiomas With Rhabdoid Features Lacking Other Histologic Features of Malignancy: A Study of 44 Cases and Review of the Literature. *J Neuropathol Exp Neurol.* 2016 Jan;75(1):44-52. doi: 10.1093/jnen/nlv006. Epub 2015 Dec 7. Review. PubMed PMID: 26705409; PubMed Central PMCID: PMC5009417.
- 764: Dewey CW, Davies E, Bouma JL. Kyphosis and Kyphoscoliosis Associated with Congenital Malformations of the Thoracic Vertebral Bodies in Dogs. *Vet Clin North Am Small Anim Pract.* 2016 Mar;46(2):295-306. doi: 10.1016/j.cvsm.2015.10.009. Epub 2015 Dec 17. Review. PubMed PMID: 26704660.
- 765: Gokaslan ZL, Zadnik PL, Sciubba DM, Germscheid N, Goodwin CR, Wolinsky JP, Bettegowda C, Groves ML, Luzzati A, Rhines LD, Fisher CG, Varga PP, Dekutoski MB, Clarke MJ, Fehlings MG, Quraishi NA, Chou D, Reynolds JJ, Williams RP, Kawahara N, Borian S. Mobile spine chordoma: results of 166 patients from the AO Spine Knowledge Forum Tumor database. *J Neurosurg Spine.* 2016 Apr;24(4):644-51. doi: 10.3171/2015.7.SPINE15201. Epub 2015 Dec 18. PubMed PMID: 26682601; PubMed Central PMCID: PMC4818185.
- 766: Matz PG, Meagher RJ, Lamer T, Tontz WL Jr, Annaswamy TM, Cassidy RC, Cho CH, Dougherty P, Easa JE, Enix DE, Gunnoe BA, Jallo J, Julien TD, Maserati MB, Nucci RC, O'Toole JE, Rosolowski K, Sembrano JN, Villavicencio AT, Witt JP. Guideline summary review: An evidence-based clinical guideline for the diagnosis and treatment of degenerative lumbar spondylolisthesis. *Spine J.* 2016 Mar;16(3):439-48. doi: 10.1016/j.spinee.2015.11.055. Epub 2015 Dec 8. Review. PubMed PMID: 26681351.
- 767: Jamali S, Fahed R, Gentric JC, Letourneau-Guillon L, Raoult H, Bing F, Estrade L, Nguyen TN, Tollard É, Ferre JC, Iancu D, Naggar O, Chagnon M, Weill A, Roy D, Fox AJ, Kallmes DF, Raymond J. Inter- and Intrarater Agreement on the Outcome of Endovascular Treatment of Aneurysms Using MRA. *AJNR Am J Neuroradiol.* 2016 May;37(5):879-84. doi: 10.3174/ajnr.A4609. Epub 2015 Dec 10. PubMed PMID: 26659336.
- 768: Elder BD, Theodros D, Sankey EW, Bydon M, Goodwin CR, Wolinsky JP, Sciubba DM, Gokaslan ZL,

- Bydon A, Witham TF. Management of Cerebrospinal Fluid Leakage During Anterior Cervical Discectomy and Fusion and Its Effect on Spinal Fusion. *World Neurosurg.* 2016 May;89:636-40. doi: 10.1016/j.wneu.2015.11.033. Epub 2015 Nov 30. PubMed PMID: 26654925.
- 769: Horne MA, Flemming KD, Su IC, Stapf C, Jeon JP, Li D, Maxwell SS, White P, Christianson TJ, Agid R, Cho WS, Oh CW, Wu Z, Zhang JT, Kim JE, Ter Brugge K, Willinsky R, Brown RD Jr, Murray GD, Al-Shahi Salman R; Cerebral Cavernous Malformations Individual Patient Data Meta-analysis Collaborators. Clinical course of untreated cerebral cavernous malformations: a meta-analysis of individual patient data. *Lancet Neurol.* 2016 Feb;15(2):166-173. doi: 10.1016/S1474-4422(15)00303-8. Epub 2015 Dec 2. PubMed PMID: 26654287; PubMed Central PMCID: PMC4710581.
- 770: Hořínek D, Štěpán-Buksakowska I, Szabó N, Erickson BJ, Tóth E, Šulc V, Beneš V, Vrána J, Hort J, Nimsky C, Mohapl M, Roček M, Vécsei L, Kincses ZT. Difference in white matter microstructure in differential diagnosis of normal pressure hydrocephalus and Alzheimer's disease. *Clin Neurosurg.* 2016 Jan;140:52-9. doi: 10.1016/j.clineuro.2015.11.010. Epub 2015 Nov 19. PubMed PMID: 26646649.
- 771: Strahle J, Geh N, Selzer BJ, Bower R, Himedan M, Strahle M, Wetjen NM, Muraszko KM, Garton HJ, Maher CO. Sports participation with Chiari I malformation. *J Neurosurg Pediatr.* 2016 Apr;17(4):403-9. doi: 10.3171/2015.8.PEDS15188. Epub 2015 Dec 4. PubMed PMID: 26636249.
- 772: Painter MM, Morrison JH, Zoecklein LJ, Rinkoski TA, Watzlawik JO, Papke LM, Warrington AE, Bieber AJ, Matchett WE, Turkowski KL, Poeschla EM, Rodriguez M. Antiviral Protection via RdRP-Mediated Stable Activation of Innate Immunity. *PLoS Pathog.* 2015 Dec 3;11(12):e1005311. doi: 10.1371/journal.ppat.1005311. eCollection 2015 Dec. PubMed PMID: 26633895; PubMed Central PMCID: PMC4669089.
- 773: Pittman CA, Miranpuri AS. Neurosurgery clinical registry data collection utilizing Informatics for Integrating Biology and the Bedside and electronic health records at the University of Rochester. *Neurosurg Focus.* 2015 Dec;39(6):E16. doi: 10.3171/2015.9.FOCUS15382. PubMed PMID: 26621414.
- 774: Auvergne R, Wu C, Connell A, Au S, Cornwell A, Osipovitch M, Benraiss A, Dangelmajer S, Guerrero-Cazares H, Quinones-Hinojosa A, Goldman SA. PAR1 inhibition suppresses the self-renewal and growth of A2B5-defined glioma progenitor cells and their derived gliomas *in vivo*. *Oncogene.* 2016 Jul 21;35(29):3817-28. doi: 10.1038/onc.2015.452. Epub 2015 Nov 30. PubMed PMID: 26616854; PubMed Central PMCID: PMC4885796.
- 775: Robbins MS, Robertson CE, Kaplan E, Ailani J, Charleston L 4th, Kuruvilla D, Blumenfeld A, Berliner R, Rosen NL, Duarte R, Vidwan J, Halker RB, Gill N, Ashkenazi A. The Sphenopalatine Ganglion: Anatomy, Pathophysiology, and Therapeutic Targeting in Headache. *Headache.* 2016 Feb;56(2):240-58. doi: 10.1111/head.12729. Epub 2015 Nov 30. Review. PubMed PMID: 26615983.
- 776: Wong RH, De Los Reyes K, Alikhani P, Sivakanthan S, van Gompel J, van Loveren H, Agazzi S. The Subtemporal Approach to Retroinfundibular Craniopharyngiomas: A New Look at an Old Approach. *Oper Neurosurg (Hagerstown).* 2015 Dec 1;11(4):495-503. doi: 10.1227/NEU.0000000000000972. PubMed PMID: 29506162.
- 777: De la Garza-Ramos R, Kerezoudis P, Tamargo RJ, Brem H, Huang J, Bydon M. Surgical complications following malignant brain tumor surgery: An analysis of 2002-2011 data. *Clin Neurosurg.* 2016 Jan;140:6-10. doi: 10.1016/j.clineuro.2015.11.005. Epub 2015 Nov 12. PubMed PMID: 26615463; PubMed Central PMCID: PMC4750489.

- 778: Shah R, Anderson B, Greenlund A. A Woman With Chronic Postprandial Abdominal Pain and Vomiting. *Gastroenterology*. 2016 Jan;150(1):46-7. doi: 10.1053/j.gastro.2015.11.001. Epub 2015 Nov 25. PubMed PMID: 26612185.
- 779: Schilling LS, Markman JD. Corticosteroids for Pain of Spinal Origin: Epidural and Intraarticular Administration. *Rheum Dis Clin North Am*. 2016 Feb;42(1):137-55, ix. doi: 10.1016/j.rdc.2015.08.003. Review. PubMed PMID: 26611556.
- 780: Latini F, Larsson EM, Ryttlefors M. Rapid and Accurate MRI Segmentation of Peritumoral Brain Edema in Meningiomas. *Clin Neuroradiol*. 2017 Jun;27(2):145-152. doi: 10.1007/s00062-015-0481-0. Epub 2015 Nov 24. PubMed PMID: 26603998.
- 781: Macki M, Alam R, Kerezoudis P, Gokaslan Z, Bydon A, Bydon M. Manual muscle test at C5 palsy onset predicts the likelihood of and time to C5 palsy resolution. *J Clin Neurosci*. 2016 Feb;24:112-6. doi: 10.1016/j.jocn.2015.09.003. Epub 2015 Oct 23. PubMed PMID: 26602799.
- 782: Hoefnagel A, Yu A, Kaminski A. Anesthetic Complications in Pregnancy. *Crit Care Clin*. 2016 Jan;32(1):1-28. doi: 10.1016/j.ccc.2015.08.009. Review. PubMed PMID: 26600441.
- 783: Kantarci OH, Lebrun C, Siva A, Keegan MB, Azevedo CJ, Inglese M, Tintoré M, Newton BD, Durand-Dubief F, Amato MP, De Stefano N, Sormani MP, Pelletier D, Okuda DT. Primary Progressive Multiple Sclerosis Evolving From Radiologically Isolated Syndrome. *Ann Neurol*. 2016 Feb;79(2):288-94. doi: 10.1002/ana.24564. Epub 2015 Dec 29. PubMed PMID: 26599831.
- 784: Hu LS, Ning S, Eschbacher JM, Gaw N, Dueck AC, Smith KA, Nakaji P, Plasencia J, Ranjbar S, Price SJ, Tran N, Loftus J, Jenkins R, O'Neill BP, Elmquist W, Baxter LC, Gao F, Frakes D, Karis JP, Zwart C, Swanson KR, Sarkaria J, Wu T, Mitchell JR, Li J. Multi-Parametric MRI and Texture Analysis to Visualize Spatial Histologic Heterogeneity and Tumor Extent in Glioblastoma. *PLoS One*. 2015 Nov 24;10(11):e0141506. doi: 10.1371/journal.pone.0141506. eCollection 2015. PubMed PMID: 26599106; PubMed Central PMCID: PMC4658019.
- 785: Block KI, Gyllenhaal C, Lowe L, Amedei A, Amin ARMR, Amin A, Aquilano K, Arbiser J, Arreola A, Arzumanyan A, Ashraf SS, Azmi AS, Benencia F, Bhakta D, Bilsland A, Bishayee A, Blain SW, Block PB, Boosani CS, Carey TE, Carnero A, Carotenuto M, Casey SC, Chakrabarti M, Chaturvedi R, Chen GZ, Chen H, Chen S, Chen YC, Choi BK, Ciriolo MR, Coley HM, Collins AR, Connell M, Crawford S, Curran CS, Dabrosin C, Damia G, Dasgupta S, DeBerardinis RJ, Decker WK, Dhawan P, Diehl AME, Dong JT, Dou QP, Drew JE, Elkord E, El-Rayes B, Feitelson MA, Felsher DW, Ferguson LR, Fimognari C, Firestone GL, Frezza C, Fujii H, Fuster MM, Generali D, Georgakilas AG, Gieseler F, Gilbertson M, Green MF, Grue B, Guha G, Halicka D, Helferich WG, Heneberg P, Hentosh P, Hirshey MD, Hofseth LJ, Holcombe RF, Honoki K, Hsu HY, Huang GS, Jensen LD, Jiang WG, Jones LW, Karpowicz PA, Keith WN, Kerkar SP, Khan GN, Khatami M, Ko YH, Kucuk O, Kulathinal RJ, Kumar NB, Kwon BS, Le A, Lea MA, Lee HY, Lichtor T, Lin LT, Locasale JW, Lokeshwar BL, Longo VD, Lyssiotis CA, MacKenzie KL, Malhotra M, Marino M, Martinez-Chantar ML, Mattheu A, Maxwell C, McDonnell E, Meeker AK, Mehrmohamadi M, Mehta K, Michelotti GA, Mohammad RM, Mohammed SI, Morre DJ, Muralidhar V, Muqbil I, Murphy MP, Nagaraju GP, Nahta R, Niccolai E, Nowsheen S, Panis C, Pantano F, Parslow VR, Pawelec G, Pedersen PL, Poore B, Poudyal D, Prakash S, Prince M, Raffaghelli L, Rathmell JC, Rathmell WK, Ray SK, Reichrath J, Rezazadeh S, Ribatti D, Ricciardiello L, Robey RB, Rodier F, Rupasinghe HPV, Russo GL, Ryan EP, Samadi AK, Sanchez-Garcia I, Sanders AJ, Santini D, Sarkar M, Sasada T, Saxena NK, Shackelford RE, Shantha Kumara HMC, Sharma D, Shin DM, Sidransky D, Siegelin MD, Signori E, Singh N, Sivanand S, Sliva D, Smythe C, Spagnuolo C, Stafforini DM, Stagg J, Subbarayan PR, Sundin T, Talib WH, Thompson SK, Tran PT, Ungefroren H, Vander Heiden MG, Venkateswaran V, Vinay DS, Vlachostergios PJ, Wang Z, Wellen KE, Whelan RL, Yang ES, Yang H, Yang X, Yaswen P, Yedjou C, Yin X, Zhu J, Zollo M.

Designing a broad-spectrum integrative approach for cancer prevention and treatment. *Semin Cancer Biol.* 2015 Dec;35 Suppl:S276-S304. doi: 10.1016/j.semcaner.2015.09.007. Review. PubMed PMID: 26590477; PubMed Central PMCID: PMC4819002.

786: Lin N, Lanzino G, Lopes DK, Arthur AS, Ogilvy CS, Ecker RD, Dumont TM, Turner RD 4th, Gooch MR, Boulos AS, Kan P, Snyder KV, Levy EI, Siddiqui AH. Treatment of Distal Anterior Circulation Aneurysms With the Pipeline Embolization Device: A US Multicenter Experience. *Neurosurgery.* 2016 Jul;79(1):14-22. doi: 10.1227/NEU.0000000000001117. PubMed PMID: 26579967.

787: Turner RC, Lucke-Wold BP, Logsdon AF, Robson MJ, Lee JM, Bailes JE, Dashnaw ML, Huber JD, Petraglia AL, Rosen CL. Modeling Chronic Traumatic Encephalopathy: The Way Forward for Future Discovery. *Front Neurol.* 2015 Oct 26;6:223. doi: 10.3389/fneur.2015.00223. eCollection 2015. Review. PubMed PMID: 26579067; PubMed Central PMCID: PMC4620695.

788: Jiménez-Almonte JH, Wyles CC, Wyles SP, Norambuena-Morales GA, Báez PJ, Murad MH, Sierra RJ. Is Local Infiltration Analgesia Superior to Peripheral Nerve Blockade for Pain Management After THA: A Network Meta-analysis. *Clin Orthop Relat Res.* 2016 Feb;474(2):495-516. doi: 10.1007/s11999-015-4619-9. Epub 2015 Nov 16. Review. PubMed PMID: 26573322; PubMed Central PMCID: PMC4709309.

789: Smith TR, Hulou MM, Yan SC, Cote DJ, Nahed BV, Babu MA, Das S, Gormley WB, Rutka JT, Laws ER Jr, Heary RF. Defensive medicine in neurosurgery: the Canadian experience. *J Neurosurg.* 2016 May;124(5):1524-30. doi: 10.3171/2015.6.JNS15764. Epub 2015 Nov 13. PubMed PMID: 26566208.

790: Ma Y, Tang N, Thompson RC, Mobley BC, Clark SW, Sarkaria JN, Wang J. InsR/IGF1R Pathway Mediates Resistance to EGFR Inhibitors in Glioblastoma. *Clin Cancer Res.* 2016 Apr 1;22(7):1767-76. doi: 10.1158/1078-0432.CCR-15-1677. Epub 2015 Nov 11. PubMed PMID: 26561558; PubMed Central PMCID: PMC4818693.

791: Oppenheimer AJ, Fiala TGS, Oppenheimer DC. Direct Transversus Abdominis Plane Blocks With Exparel During Abdominoplasty. *Ann Plast Surg.* 2016 Nov;77(5):499-500. doi: 10.1097/SAP.0000000000000659. PubMed PMID: 26545224.

792: Goodwin CR, Sankey EW, Liu A, Elder BD, Kosztowski T, Lo SF, Fisher CG, Clarke MJ, Gokaslan ZL, Sciubba DM. A systematic review of clinical outcomes for patients diagnosed with skin cancer spinal metastases. *J Neurosurg Spine.* 2016 May;24(5):837-49. doi: 10.3171/2015.4.SPINE15239. Epub 2015 Nov 6. Review. Erratum in: *J Neurosurg Spine.* 2016 Nov;25(5):671. PubMed PMID: 26544595.

793: Cesmebasi A, Smith J, Spinner RJ. Role of Sonography in Surgical Decision Making for Iatrogenic Spinal Accessory Nerve Injuries: A Paradigm Shift. *J Ultrasound Med.* 2015 Dec;34(12):2305-12. doi: 10.7863/ultra.15.01049. Epub 2015 Nov 5. PubMed PMID: 26543166.

794: Turner RC, Lucke-Wold BP, Logsdon AF, Robson MJ, Dashnaw ML, Huang JH, Smith KE, Huber JD, Rosen CL, Petraglia AL. The Quest to Model Chronic Traumatic Encephalopathy: A Multiple Model and Injury Paradigm Experience. *Front Neurol.* 2015 Oct 20;6:222. doi: 10.3389/fneur.2015.00222. eCollection 2015. PubMed PMID: 26539159; PubMed Central PMCID: PMC4611965.

795: Bergsma DP, Salama JK, Singh DP, Chmura SJ, Milano MT. The evolving role of radiotherapy in treatment of oligometastatic NSCLC. *Expert Rev Anticancer Ther.* 2015;15(12):1459-71. doi: 10.1586/14737140.2015.1105745. Epub 2015 Nov 4. Review. PubMed PMID: 26536370.

796: Videtic GM, Hu C, Singh AK, Chang JY, Parker W, Olivier KR, Schild SE, Komaki R, Urbanic JJ, Timmerman RD, Choy H. A Randomized Phase 2 Study Comparing 2 Stereotactic Body Radiation

Therapy Schedules for Medically Inoperable Patients With Stage I Peripheral Non-Small Cell Lung Cancer: NRG Oncology RTOG 0915 (NCCTG N0927). *Int J Radiat Oncol Biol Phys.* 2015 Nov 15;93(4):757-64. doi: 10.1016/j.ijrobp.2015.07.2260. Epub 2015 Jul 17. Erratum in: *Int J Radiat Oncol Biol Phys.* 2016 Mar 1;94(3):638. Timmerman, Robert D [added]. PubMed PMID: 26530743; PubMed Central PMCID: PMC4744654.

797: Juryńczyk M, Weinshenker B, Akman-Demir G, Asgari N, Barnes D, Boggild M, Chaudhuri A, D'hooghe M, Evangelou N, Geraldès R, Illes Z, Jacob A, Kim HJ, Kleiter I, Levy M, Marignier R, McGuigan C, Murray K, Nakashima I, Pandit L, Paul F, Pittock S, Selmaj K, de Sèze J, Siva A, Tanasescu R, Vukusic S, Wingerchuk D, Wren D, Leite I, Palace J. Status of diagnostic approaches to AQP4-IgG seronegative NMO and NMO/MS overlap syndromes. *J Neurol.* 2016 Jan;263(1):140-9. doi: 10.1007/s00415-015-7952-8. Epub 2015 Nov 3. PubMed PMID: 26530512; PubMed Central PMCID: PMC4816597.

798: Ryken TC, Parney I, Buatti J, Kalkanis SN, Olson JJ. The role of radiotherapy in the management of patients with diffuse low-grade glioma : A systematic review and evidence-based clinical practice guideline. *J Neurooncol.* 2015 Dec;125(3):551-83. doi: 10.1007/s11060-015-1948-1. Epub 2015 Nov 3. Review. PubMed PMID: 26530266.

799: Liptak GS, Robinson LM, Davidson PW, Dziorny A, Lavalley R, Flaherty MG, Dosa NP. Life course health and healthcare utilization among adults with spina bifida. *Dev Med Child Neurol.* 2016 Jul;58(7):714-20. doi: 10.1111/dmcn.12952. Epub 2015 Nov 2. PubMed PMID: 26526690.

800: Luksanapruksa P, Buchowski JM, Singhathanadighe W, Rose PC, Bumpass DB. Management of spinal giant cell tumors. *Spine J.* 2016 Feb;16(2):259-69. doi: 10.1016/j.spinee.2015.10.045. Epub 2015 Oct 30. Review. PubMed PMID: 26523962.

801: McDonald JS, Katzberg RW, McDonald RJ, Williamson EE, Kallmes DF. Is the Presence of a Solitary Kidney an Independent Risk Factor for Acute Kidney Injury after Contrast-enhanced CT? *Radiology.* 2016 Jan;278(1):74-81. doi: 10.1148/radiol.2015142676. Epub 2015 Nov 2. PubMed PMID: 26523492.

802: Kepler CK, Vaccaro AR, Chen E, Patel AA, Ahn H, Nassr A, Shaffrey CI, Harrop J, Schroeder GD, Agarwala A, Dvorak MF, Journey DR, Wood KB, Traynelis VC, Yoon ST, Fehlings MG, Aarabi B. Treatment of isolated cervical facet fractures: a systematic review. *J Neurosurg Spine.* 2016 Feb;24(2):347-354. doi: 10.3171/2015.6.SPINE141260. Epub 2015 Oct 30. PubMed PMID: 26516667.

803: Li YM, Suki D, Hess K, Sawaya R. The influence of maximum safe resection of glioblastoma on survival in 1229 patients: Can we do better than gross-total resection? *J Neurosurg.* 2016 Apr;124(4):977-88. doi: 10.3171/2015.5.JNS142087. Epub 2015 Oct 23. PubMed PMID: 26495941.

804: Smith DI, Hawson A, Correll L. Transversus Abdominis Plane Block and Treatment of Viscerosomatic Abdominal Pain. *Reg Anesth Pain Med.* 2015 Nov-Dec;40(6):731-2. doi: 10.1097/AAP.000000000000321. PubMed PMID: 26488083.

805: Elder BD, Sankey EW, Theodros D, Bydon M, Goodwin CR, Lo SF, Kosztowski TA, Belzberg AJ, Wolinsky JP, Sciubba DM, Gokaslan ZL, Bydon A, Witham TF. Successful anterior fusion following posterior cervical fusion for revision of anterior cervical discectomy and fusion pseudarthrosis. *J Clin Neurosci.* 2016 Feb;24:57-62. doi: 10.1016/j.jocn.2015.07.019. Epub 2015 Oct 23. PubMed PMID: 26482460.

806: Agazzi S, van Loveren HR, van Gompel JJ. Response to Journal Club: Surgical Management of Trigeminal Neuralgia: Use and Cost-Effectiveness From an Analysis of the Medicare Claims Database. *Neurosurgery.* 2015 Nov;77(5):835-6. doi: 10.1227/NEU.0000000000001009. PubMed PMID:

26479472.

- 807: Welch RD, Ayaz SI, Lewis LM, Unden J, Chen JY, Mika VH, Saville B, Tyndall JA, Nash M, Buki A, Barzo P, Hack D, Tortella FC, Schmid K, Hayes RL, Vossough A, Sweriduk ST, Bazarian JJ. Ability of Serum Glial Fibrillary Acidic Protein, Ubiquitin C-Terminal Hydrolase-L1, and S100B To Differentiate Normal and Abnormal Head Computed Tomography Findings in Patients with Suspected Mild or Moderate Traumatic Brain Injury. *J Neurotrauma*. 2016 Jan 15;33(2):203-14. doi: 10.1089/neu.2015.4149. Epub 2015 Dec 18. PubMed PMID: 26467555; PubMed Central PMCID: PMC4722555.
- 808: Blanchard M, Shim KG, Grams MP, Rajani K, Diaz RM, Furutani KM, Thompson J, Olivier KR, Park SS, Markovic SN, Pandha H, Melcher A, Harrington K, Zaidi S, Vile R. Definitive Management of Oligometastatic Melanoma in a Murine Model Using Combined Ablative Radiation Therapy and Viral Immunotherapy. *Int J Radiat Oncol Biol Phys*. 2015 Nov 1;93(3):577-87. doi: 10.1016/j.ijrobp.2015.07.2274. Epub 2015 Jul 26. PubMed PMID: 26461000; PubMed Central PMCID: PMC4877702.
- 809: Parrish KE, Cen L, Murray J, Calligaris D, Kizilbash S, Mittapalli RK, Carlson BL, Schroeder MA, Sludden J, Boddy AV, Agar NY, Curtin NJ, Elmquist WF, Sarkaria JN. Efficacy of PARP Inhibitor Rucaparib in Orthotopic Glioblastoma Xenografts Is Limited by Ineffective Drug Penetration into the Central Nervous System. *Mol Cancer Ther*. 2015 Dec;14(12):2735-43. doi: 10.1158/1535-7163.MCT-15-0553. Epub 2015 Oct 5. PubMed PMID: 26438157; PubMed Central PMCID: PMC4674360.
- 810: Sweeney AD, Osetinsky LM, Carlson ML, Valenzuela CV, Frisch CD, Netterville JL, Link MJ, Driscoll CL, Haynes DS. The Natural History and Management of Petrous Apex Cholesterol Granulomas. *Otol Neurotol*. 2015 Dec;36(10):1714-9. doi: 10.1097/MAO.0000000000000862. PubMed PMID: 26427636.
- 811: Almeida J, He D, Chen Q, Mahon BZ, Zhang F, Gonçalves ÓF, Fang F, Bi Y. Decoding Visual Location From Neural Patterns in the Auditory Cortex of the Congenitally Deaf. *Psychol Sci*. 2015 Nov;26(11):1771-82. doi: 10.1177/0956797615598970. Epub 2015 Sep 30. PubMed PMID: 26423461; PubMed Central PMCID: PMC5209787.
- 812: Devinsky O, Asato M, Camfield P, Geller E, Kanner AM, Keller S, Kerr M, Kossoff EH, Lau H, Kothare S, Singh BK, Wirrell E. Delivery of epilepsy care to adults with intellectual and developmental disabilities. *Neurology*. 2015 Oct 27;85(17):1512-21. doi: 10.1212/WNL.0000000000002060. Epub 2015 Sep 30. Review. PubMed PMID: 26423430; PubMed Central PMCID: PMC4631073.
- 813: Ewing JR, Nagaraja TN, Aryal MP, Keenan KA, Elmghirbi R, Bagher-Ebadian H, Panda S, Lu M, Mikkelsen T, Cabral G, Brown SL. Peritumoral tissue compression is predictive of exudate flux in a rat model of cerebral tumor: an MRI study in an embedded tumor. *NMR Biomed*. 2015 Nov;28(11):1557-69. doi: 10.1002/nbm.3418. Epub 2015 Oct 1. PubMed PMID: 26423316; PubMed Central PMCID: PMC4656050.
- 814: Lee JY, Giusti G, Friedrich PF, Bishop AT, Shin AY. Effect of Vascular Endothelial Growth Factor Administration on Nerve Regeneration after Autologous Nerve Grafting. *J Reconstr Microsurg*. 2016 Mar;32(3):183-8. doi: 10.1055/s-0035-1563709. Epub 2015 Sep 30. PubMed PMID: 26422174.
- 815: Zhao B, Tan X, Zhao Y, Cao Y, Wu J, Zhong M, Wang S. Variation in Patient Characteristics and Outcomes Between Early and Delayed Surgery in Poor-Grade Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery*. 2016 Feb;78(2):224-31. doi: 10.1227/NEU.0000000000001038. PubMed PMID: 26421588.
- 816: De la Garza-Ramos R, Abt NB, Kerezoudis P, Krauss W, Bydon M. Provider volume and short-term

- outcomes following surgery for spinal metastases. *J Clin Neurosci.* 2016 Feb;24:43-6. doi: 10.1016/j.jocn.2015.08.008. Epub 2015 Sep 26. PubMed PMID: 26412253.
- 817: Van Gompel JJ, Miller JW. How epileptogenic are temporal encephaloceles? *Neurology.* 2015 Oct 27;85(17):1440-1. doi: 10.1212/WNL.0000000000002073. Epub 2015 Sep 25. PubMed PMID: 26408494.
- 818: Algattas H, Kimmell KT, Vates GE. Risk of Reoperation for Hemorrhage in Patients After Craniotomy. *World Neurosurg.* 2016 Mar;87:531-9. doi: 10.1016/j.wneu.2015.09.020. Epub 2015 Sep 25. PubMed PMID: 26407928.
- 819: Van Gompel JJ, Alikhani P, Youssef AS, Loveren HR, Boyev KP, Agazzi S. Anterior Petrosectomy: Consecutive Series of 46 Patients with Attention to Approach-Related Complications. *J Neurol Surg B Skull Base.* 2015 Sep;76(5):379-84. doi: 10.1055/s-0034-1543971. Epub 2015 May 13. PubMed PMID: 26401480; PubMed Central PMCID: PMC4569496.
- 820: de la Garza-Ramos R, Kerezoudis P, Sciubba DM, Bydon A, Witham TF, Bydon M. The effect of preoperative diagnosis on the incidence of adjacent segment disease after lumbar fusion. *J Neurosurg Sci.* 2018 Feb;62(1):4-9. doi: 10.23736/S0390-5616.16.03492-5. Epub 2015 Sep 23. PubMed PMID: 26397816.
- 821: Xu J, Margol AS, Shukla A, Ren X, Finlay JL, Krieger MD, Gilles FH, Couch FJ, Aziz M, Fung ET, Asgharzadeh S, Barrett MT, Erdreich-Epstein A. Disseminated Medulloblastoma in a Child with Germline BRCA2 6174delT Mutation and without Fanconi Anemia. *Front Oncol.* 2015 Aug 27;5:191. doi: 10.3389/fonc.2015.00191. eCollection 2015. PubMed PMID: 26380221; PubMed Central PMCID: PMC4550790.
- 822: Bidinotto LT, Scapulatempo-Neto C, Mackay A, de Almeida GC, Scheithauer BW, Berardinelli GN, Torrieri R, Clara CA, Feltrin LT, Viana-Pereira M, Varella-Garcia M, Jones C, Reis RM. Molecular Profiling of a Rare Rosette-Forming Glioneuronal Tumor Arising in the Spinal Cord. *PLoS One.* 2015 Sep 15;10(9):e0137690. doi: 10.1371/journal.pone.0137690. eCollection 2015. PubMed PMID: 26371886; PubMed Central PMCID: PMC4570813.
- 823: Miranda SP, Kimmell KT, Silberstein HJ. Acute Presentation of Chiari I Malformation with Hemiparesis in a Pediatric Patient. *World Neurosurg.* 2016 Jan;85:366.e1-4. doi: 10.1016/j.wneu.2015.09.003. Epub 2015 Sep 11. PubMed PMID: 26370291.
- 824: Hu LS, Kelm Z, Korfiatis P, Dueck AC, Elrod C, Ellingson BM, Kaufmann TJ, Eschbacher JM, Karis JP, Smith K, Nakaji P, Brinkman D, Pafundi D, Baxter LC, Erickson BJ. Impact of Software Modeling on the Accuracy of Perfusion MRI in Glioma. *AJNR Am J Neuroradiol.* 2015 Dec;36(12):2242-9. doi: 10.3174/ajnr.A4451. Epub 2015 Sep 10. PubMed PMID: 26359151; PubMed Central PMCID: PMC4681640.
- 825: Kast R, Auner G, Yurgelevic S, Broadbent B, Raghunathan A, Poisson LM, Mikkelsen T, Rosenblum ML, Kalkanis SN. Identification of regions of normal grey matter and white matter from pathologic glioblastoma and necrosis in frozen sections using Raman imaging. *J Neurooncol.* 2015 Nov;125(2):287-95. doi: 10.1007/s11060-015-1929-4. Epub 2015 Sep 10. PubMed PMID: 26359131.
- 826: Markman JD, Gewandter JS, Frazer ME, Pittman C, Cai X, Patel KV, Jahromi BS, Dworkin RH, Burke LB, Farrar JT. Evaluation of outcome measures for neurogenic claudication: A patient-centered approach. *Neurology.* 2015 Oct 6;85(14):1250-6. doi: 10.1212/WNL.0000000000002000. Epub 2015 Sep 9. PubMed PMID: 26354988; PubMed Central PMCID: PMC4607594.

- 827: Bates JE, Youn P, Usuki KY, Walter KA, Huggins CF, Okunieff P, Milano MT. Brain metastasis from melanoma: the prognostic value of varying sites of extracranial disease. *J Neurooncol.* 2015 Nov;125(2):411-8. doi: 10.1007/s11060-015-1932-9. Epub 2015 Sep 9. PubMed PMID: 26354772.
- 828: Wallace AN, Robinson CG, Meyer J, Tran ND, Gangi A, Callstrom MR, Chao ST, Van Tine BA, Morris JM, Bruel BM, Long J, Timmerman RD, Buchowski JM, Jennings JW. The Metastatic Spine Disease Multidisciplinary Working Group Algorithms. *Oncologist.* 2015 Oct;20(10):1205-15. doi: 10.1634/theoncologist.2015-0085. Epub 2015 Sep 9. PubMed PMID: 26354526; PubMed Central PMCID: PMC4591956.
- 829: Zhao B, Rabinstein A, Murad MH, Lanzino G, Panni P, Brinjikji W. Surgical and endovascular treatment of poor-grade aneurysmal subarachnoid hemorrhage: a systematic review and meta-analysis. *J Neurosurg Sci.* 2017 Aug;61(4):403-415. doi: 10.23736/S0390-5616.16.03457-3. Epub 2015 Sep 9. Review. PubMed PMID: 26354187.
- 830: Cannizzaro D, Rammos SK, Peschillo S, El-Nashar AM, Grande AW, Lanzino G. The Lateral Mesencephalic Vein: Surgical Anatomy and Its Role in the Drainage of Tentorial Dural Arteriovenous Fistulae. *World Neurosurg.* 2016 Jan;85:163-8. doi: 10.1016/j.wneu.2015.08.060. Epub 2015 Sep 1. PubMed PMID: 26341441.
- 831: Conboy E, Dhamija R, Wang M, Xie J, Dyck PJ, Bridges AG, Spinner RJ, Clayton AC, Watson RE, Messiaen L, Babovic-Vuksanovic D. Paraspinal neurofibromas and hypertrophic neuropathy in Noonan syndrome with multiple lentigines. *J Med Genet.* 2016 Feb;53(2):123-6. doi: 10.1136/jmedgenet-2015-103177. Epub 2015 Sep 2. PubMed PMID: 26337637.
- 832: Naaldijk Y, Johnson AA, Ishak S, Meisel HJ, Hohaus C, Stolzing A. Migrational changes of mesenchymal stem cells in response to cytokines, growth factors, hypoxia, and aging. *Exp Cell Res.* 2015 Oct 15;338(1):97-104. doi: 10.1016/j.yexcr.2015.08.019. Epub 2015 Sep 1. PubMed PMID: 26335540.
- 833: Sibony PA, Kupersmith MJ, Feldon SE, Wang JK, Garvin M; OCT Substudy Group for the NORDIC Idiopathic Intracranial Hypertension Treatment Trial. Retinal and Choroidal Folds in Papilledema. *Invest Ophthalmol Vis Sci.* 2015 Sep;56(10):5670-80. doi: 10.1167/iovs.15-17459. PubMed PMID: 26335066; PubMed Central PMCID: PMC4562343.
- 834: Park HW, Moon HE, Kim HS, Paek SL, Kim Y, Chang JW, Yang YS, Kim K, Oh W, Hwang JH, Kim JW, Kim DG, Paek SH. Human umbilical cord blood-derived mesenchymal stem cells improve functional recovery through thrombospondin1, pantraxin3, and vascular endothelial growth factor in the ischemic rat brain. *J Neurosci Res.* 2015 Dec;93(12):1814-25. doi: 10.1002/jnr.23616. Epub 2015 Sep 2. PubMed PMID: 26332684.
- 835: Damania D, Kung NT, Jain M, Jain AR, Liew JA, Mangla R, Koch GE, Sahin B, Miranpuri AS, Holmquist TM, Replogle RE, Benesch CG, Kelly AG, Jahromi BS. Factors associated with recurrent stroke and recanalization in patients presenting with isolated symptomatic carotid occlusion. *Eur J Neurol.* 2016 Jan;23(1):127-32. doi: 10.1111/ene.12819. Epub 2015 Sep 1. PubMed PMID: 26332023; PubMed Central PMCID: PMC5049615.
- 836: Reddy CG, Amrami KK, Howe BM, Spinner RJ. Combined common peroneal and tibial nerve injury after knee dislocation: one injury or two? An MRI-clinical correlation. *Neurosurg Focus.* 2015 Sep;39(3):E8. doi: 10.3171/2015.6.FOCUS15125. PubMed PMID: 26323826.
- 837: Siquara de Sousa AC, Capek S, Howe BM, Jentoft ME, Amrami KK, Spinner RJ. Magnetic resonance imaging evidence for perineural spread of endometriosis to the lumbosacral plexus: report of 2 cases.

- Neurosurg Focus. 2015 Sep;39(3):E15. doi: 10.3171/2015.6.FOCUS15208. PubMed PMID: 26323817.
- 838: Capek S, Howe BM, Amrami KK, Spinner RJ. Perineural spread of pelvic malignancies to the lumbosacral plexus and beyond: clinical and imaging patterns. Neurosurg Focus. 2015 Sep;39(3):E14. doi: 10.3171/2015.7.FOCUS15209. PubMed PMID: 26323816.
- 839: Capek S, Amrami KK, Dyck PJ, Spinner RJ. Targeted fascicular biopsy of the sciatic nerve and its major branches: rationale and operative technique. Neurosurg Focus. 2015 Sep;39(3):E12. doi: 10.3171/2015.6.FOCUS15213. PubMed PMID: 26323814.
- 840: Amrami KK, Kliot M, Malessy MJ, Spinner RJ. Introduction: Imaging of peripheral nerves. Neurosurg Focus. 2015 Sep;39(3):E1. doi: 10.3171/2015.6.FOCUS15314. PubMed PMID: 26323811.
- 841: Subramanian SL, Kitchen RR, Alexander R, Carter BS, Cheung KH, Laurent LC, Pico A, Roberts LR, Roth ME, Rozowsky JS, Su AI, Gerstein MB, Milosavljevic A. Integration of extracellular RNA profiling data using metadata, biomedical ontologies and Linked Data technologies. J Extracell Vesicles. 2015 Aug 28;4:27497. doi: 10.3402/jev.v4.27497. eCollection 2015. PubMed PMID: 26320941; PubMed Central PMCID: PMC4553261.
- 842: Perry DC, Sturm VE, Peterson MJ, Pieper CF, Bullock T, Boeve BF, Miller BL, Guskiewicz KM, Berger MS, Kramer JH, Welsh-Bohmer KA. Association of traumatic brain injury with subsequent neurological and psychiatric disease: a meta-analysis. J Neurosurg. 2016 Feb;124(2):511-26. doi: 10.3171/2015.2.JNS14503. Epub 2015 Aug 28. Review. PubMed PMID: 26315003; PubMed Central PMCID: PMC4751029.
- 843: Siquara De Sousa AC, Capek S, Amrami KK, Spinner RJ. Neural involvement in endometriosis: Review of anatomic distribution and mechanisms. Clin Anat. 2015 Nov;28(8):1029-38. doi: 10.1002/ca.22617. Epub 2015 Sep 9. Review. PubMed PMID: 26296428.
- 844: Desy NM, Lipinski LJ, Tanaka S, Amrami KK, Rock MG, Spinner RJ. Recurrent intraneuronal ganglion cysts: Pathoanatomic patterns and treatment implications. Clin Anat. 2015 Nov;28(8):1058-69. doi: 10.1002/ca.22615. Epub 2015 Sep 9. Review. PubMed PMID: 26296291.
- 845: Chien YH, Abdenur JE, Baronio F, Bannick AA, Corrales F, Couce M, Donner MG, Ficicioglu C, Freehauf C, Frithiof D, Gotway G, Hirabayashi K, Hofstede F, Hoganson G, Hwu WL, James P, Kim S, Korman SH, Lachmann R, Levy H, Lindner M, Lykopoulou L, Mayatepek E, Muntau A, Okano Y, Raymond K, Rubio-Gozalbo E, Scholl-Bürgi S, Schulze A, Singh R, Stabler S, Stuy M, Thomas J, Wagner C, Wilson WG, Wortmann S, Yamamoto S, Pao M, Blom HJ. Mudd's disease (MAT I/III deficiency): a survey of data for MAT1A homozygotes and compound heterozygotes. Orphanet J Rare Dis. 2015 Aug 20;10:99. doi: 10.1186/s13023-015-0321-y. Review. PubMed PMID: 26289392; PubMed Central PMCID: PMC4545930.
- 846: Gener MA, Conger AR, Van Gompel J, Ariai MS, Jentoft M, Meyer FB, Cardinal JS, Bonnin JM, Cohen-Gadol AA. Clinical, Pathological, and Surgical Outcomes for Adult Pineoblastomas. World Neurosurg. 2015 Dec;84(6):1816-24. doi: 10.1016/j.wneu.2015.08.005. Epub 2015 Aug 16. PubMed PMID: 26287970.
- 847: Rammo R, Rock A, Transou A, Raghunathan A, Rock J. Anaplastic meningioma: octreotide therapy for a case of recurrent and progressive intracranial disease. J Neurosurg. 2016 Feb;124(2):496-500. doi: 10.3171/2015.1.JNS142260. Epub 2015 Aug 14. PubMed PMID: 26274993.
- 848: Qiu H, Katz AW, Chowdhry AK, Usuki KY, Singh DP, Metcalfe S, Cheruvu P, Chen Y, Okunieff P, Milano MT. Stereotactic Body Radiotherapy for Lung Metastases from Colorectal Cancer: Prognostic

Factors for Disease Control and Survival. *Am J Clin Oncol.* 2018 Jan;41(1):53-58. doi: 10.1097/COC.0000000000000220. PubMed PMID: 26270442.

849: Brinjikji W, Lanzino G, Cloft HJ, Siddiqui AH, Hanel RA, Kallmes DF. Platelet Testing is Associated with Worse Clinical Outcomes for Patients Treated with the Pipeline Embolization Device. *AJNR Am J Neuroradiol.* 2015 Nov;36(11):2090-5. doi: 10.3174/ajnr.A4411. Epub 2015 Aug 6. PubMed PMID: 26251435.

850: Brinjikji W, Lanzino G, Cloft HJ, Siddiqui AH, Kallmes DF. Risk Factors for Hemorrhagic Complications following Pipeline Embolization Device Treatment of Intracranial Aneurysms: Results from the International Retrospective Study of the Pipeline Embolization Device. *AJNR Am J Neuroradiol.* 2015 Dec;36(12):2308-13. doi: 10.3174/ajnr.A4443. Epub 2015 Aug 6. PubMed PMID: 26251427.

851: McDonald JS, McDonald RJ, Lieske JC, Carter RE, Katzberg RW, Williamson EE, Kallmes DF. Risk of Acute Kidney Injury, Dialysis, and Mortality in Patients With Chronic Kidney Disease After Intravenous Contrast Material Exposure. *Mayo Clin Proc.* 2015 Aug;90(8):1046-53. doi: 10.1016/j.mayocp.2015.05.016. Erratum in: *Mayo Clin Proc.* 2015 Oct;90(10):1457. Kallmes, David E [Corrected to Kallmes, David F]. PubMed PMID: 26250726; PubMed Central PMCID: PMC4550308.

852: Jehi L, Friedman D, Carlson C, Cascino G, Dewar S, Elger C, Engel J Jr, Knowlton R, Kuzniecky R, McIntosh A, O'Brien TJ, Spencer D, Sperling MR, Worrell G, Bingaman B, Gonzalez-Martinez J, Doyle W, French J. The evolution of epilepsy surgery between 1991 and 2011 in nine major epilepsy centers across the United States, Germany, and Australia. *Epilepsia.* 2015 Oct;56(10):1526-33. doi: 10.1111/epi.13116. Epub 2015 Aug 7. PubMed PMID: 26250432; PubMed Central PMCID: PMC5082694.

853: Shikora SA, Wolfe BM, Apovian CM, Anvari M, Sarwer DB, Gibbons RD, Ikramuddin S, Miller CJ, Knudson MB, Tweden KS, Sarr MG, Billington CJ. Sustained Weight Loss with Vagal Nerve Blockade but Not with Sham: 18-Month Results of the ReCharge Trial. *J Obes.* 2015;2015:365604. doi: 10.1155/2015/365604. Epub 2015 Jul 12. PubMed PMID: 26246907; PubMed Central PMCID: PMC4515300.

854: Frischer JM, Weigand SD, Guo Y, Kale N, Parisi JE, Pirko I, Mandrekar J, Bramow S, Metz I, Brück W, Lassmann H, Lucchinetti CF. Clinical and pathological insights into the dynamic nature of the white matter multiple sclerosis plaque. *Ann Neurol.* 2015 Nov;78(5):710-21. doi: 10.1002/ana.24497. Epub 2015 Aug 24. PubMed PMID: 26239536; PubMed Central PMCID: PMC4623970.

855: Abdulaziz M, Mallory GW, Bydon M, De la Garza Ramos R, Ellis JA, Laack NN, Marsh WR, Krauss WE, Jallo G, Gokaslan ZL, Clarke MJ. Outcomes following myxopapillary ependymoma resection: the importance of capsule integrity. *Neurosurg Focus.* 2015 Aug;39(2):E8. doi: 10.3171/2015.5.FOCUS15164. PubMed PMID: 26235025.

856: Brinjikji W, Huston J 3rd, Rabinstein AA, Kim GM, Lerman A, Lanzino G. Contemporary carotid imaging: from degree of stenosis to plaque vulnerability. *J Neurosurg.* 2016 Jan;124(1):27-42. doi: 10.3171/2015.1.JNS142452. Epub 2015 Jul 31. Review. PubMed PMID: 26230478.

857: Reynolds MR, Buckley RT, Indrakanti SS, Turkmani AH, Oh G, Crobeddu E, Fargen KM, El Ahmadieh TY, Naidech AM, Amin-Hanjani S, Lanzino G, Hoh BL, Bendok BR, Zipfel GJ. The safety of vasopressor-induced hypertension in subarachnoid hemorrhage patients with coexisting unruptured, unprotected intracranial aneurysms. *J Neurosurg.* 2015 Oct;123(4):862-71. doi: 10.3171/2014.12.JNS141201. Epub 2015 Jul 24. PubMed PMID: 26207606.

- 858: Ost P, Jereczek-Fossa BA, As NV, Zilli T, Muacevic A, Olivier K, Henderson D, Casamassima F, Orecchia R, Surgo A, Brown L, Tree A, Miralbell R, De Meerleer G. Progression-free Survival Following Stereotactic Body Radiotherapy for Oligometastatic Prostate Cancer Treatment-naïve Recurrence: A Multi-institutional Analysis. *Eur Urol.* 2016 Jan;69(1):9-12. doi: 10.1016/j.eururo.2015.07.004. Epub 2015 Jul 16. PubMed PMID: 26189689.
- 859: Makaryus R, Lee H, Feng T, Park JH, Nedergaard M, Jacob Z, Enikolopov G, Benveniste H. Brain maturation in neonatal rodents is impeded by sevoflurane anesthesia. *Anesthesiology.* 2015 Sep;123(3):557-68. doi: 10.1097/ALN.0000000000000762. PubMed PMID: 26181336; PubMed Central PMCID: PMC4543401.
- 860: Petr O, Brinjikji W, Thomé C, Lanzino G. Safety and efficacy of microsurgical treatment of previously coiled aneurysms: a systematic review and meta-analysis. *Acta Neurochir (Wien).* 2015 Oct;157(10):1623-32. doi: 10.1007/s00701-015-2500-y. Epub 2015 Jul 14. Review. PubMed PMID: 26166207.
- 861: Kimmell KT, Algattas H, Joynt P, Schmidt T, Jahromi BS, Silberstein HJ, Vates GE. Risk Modeling Predicts Complication Rates for Spinal Surgery. *Spine (Phila Pa 1976).* 2015 Dec;40(23):1836-41. doi: 10.1097/BRS.0000000000001051. PubMed PMID: 26165221.
- 862: Sahlein DH, Fouladvand M, Becske T, Saatci I, McDougall CG, Szikora I, Lanzino G, Moran CJ, Woo HH, Lopes DK, Berez AL, Cher DJ, Siddiqui AH, Levy EI, Albuquerque FC, Fiorella DJ, Berentei Z, Marosfoi M, Cekirge SH, Kallmes DF, Nelson PK. Neuroophthalmological outcomes associated with use of the Pipeline Embolization Device: analysis of the PUFS trial results. *J Neurosurg.* 2015 Oct;123(4):897-905. doi: 10.3171/2014.12.JNS141777. Epub 2015 Jul 10. PubMed PMID: 26162031.
- 863: Sellin JN, Suki D, Harsh V, Elder BD, Fahim DK, McCutcheon IE, Rao G, Rhines LD, Tatsui CE. Factors affecting survival in 43 consecutive patients after surgery for spinal metastases from thyroid carcinoma. *J Neurosurg Spine.* 2015 Oct;23(4):419-28. doi: 10.3171/2015.1.SPINE14431. Epub 2015 Jul 3. PubMed PMID: 26140400.
- 864: Tivnan A, Zakaria Z, O'Leary C, Kögel D, Pokorny JL, Sarkaria JN, Prehn JH. Inhibition of multidrug resistance protein 1 (MRP1) improves chemotherapy drug response in primary and recurrent glioblastoma multiforme. *Front Neurosci.* 2015 Jun 16;9:218. doi: 10.3389/fnins.2015.00218. eCollection 2015. PubMed PMID: 26136652; PubMed Central PMCID: PMC4468867.
- 865: Prasad NK, Capek S, de Ruiter GC, Amrami KK, Spinner RJ. The subparaneurial compartment: A new concept in the clinicopathologic classification of peripheral nerve lesions. *Clin Anat.* 2015 Oct;28(7):925-30. doi: 10.1002/ca.22589. Epub 2015 Jul 16. PubMed PMID: 26133748.
- 866: Liu X, Wang C, Fujita T, Malmstrom HS, Nedergaard M, Ren YF, Dirksen RT. External Dentin Stimulation Induces ATP Release in Human Teeth. *J Dent Res.* 2015 Sep;94(9):1259-66. doi: 10.1177/0022034515592858. Epub 2015 Jun 30. PubMed PMID: 26130258; PubMed Central PMCID: PMC4547316.
- 867: Algattas H, Kimmell KT, Vates GE, Jahromi BS. Analysis of Venous Thromboembolism Risk in Patients Undergoing Craniotomy. *World Neurosurg.* 2015 Nov;84(5):1372-9. doi: 10.1016/j.wneu.2015.06.033. Epub 2015 Jun 25. PubMed PMID: 26117085.
- 868: Pastori C, Kapranov P, Penas C, Peschansky V, Volmar CH, Sarkaria JN, Bregy A, Komotar R, St Laurent G, Ayad NG, Wahlestedt C. The Bromodomain protein BRD4 controls HOTAIR, a Long non-coding RNA essential for glioblastoma proliferation. *Proc Natl Acad Sci U S A.* 2015 Jul 7;112(27):8326-31. doi: 10.1073/pnas.1424220112. Epub 2015 Jun 25. PubMed PMID: 26111795;

PubMed Central PMCID: PMC4500283.

869: Kersey AJ, Clark TS, Lussier CA, Mahon BZ, Cantlon JF. Development of Tool Representations in the Dorsal and Ventral Visual Object Processing Pathways. *Cereb Cortex*. 2016 Jul;26(7):3135-45. doi: 10.1093/cercor/bhv140. Epub 2015 Jun 23. PubMed PMID: 26108614; PubMed Central PMCID: PMC4898669.

870: Kimmell KT, LaSota E, Weil RJ, Marko NF. Comparative Effectiveness Analysis of Treatment Options for Single Brain Metastasis. *World Neurosurg*. 2015 Nov;84(5):1316-32. doi: 10.1016/j.wneu.2015.06.021. Epub 2015 Jun 20. PubMed PMID: 26100168.

871: Dupuy DE, Fernando HC, Hillman S, Ng T, Tan AD, Sharma A, Rilling WS, Hong K, Putnam JB. Radiofrequency ablation of stage IA non-small cell lung cancer in medically inoperable patients: Results from the American College of Surgeons Oncology Group Z4033 (Alliance) trial. *Cancer*. 2015 Oct 1;121(19):3491-8. doi: 10.1002/cncr.29507. Epub 2015 Jun 19. PubMed PMID: 26096694; PubMed Central PMCID: PMC4578219.

872: Carlson ML, Tveiten ØV, Driscoll CL, Boes CJ, Sullan MJ, Goplen FK, Lund-Johansen M, Link MJ. Risk factors and analysis of long-term headache in sporadic vestibular schwannoma: a multicenter cross-sectional study. *J Neurosurg*. 2015 Nov;123(5):1276-86. doi: 10.3171/2014.12.JNS142109. Epub 2015 Jun 19. PubMed PMID: 26090830.

873: Hébert-Blouin MN, Spinner RJ. Commentary on: 'Comparison of outcomes of peripheral nerve schwannoma excision in neurofibromatosis type 2 patients and non-neurofibromatosis type 2 patients: A case control study'. *J Plast Reconstr Aesthet Surg*. 2015 Sep;68(9):1204-5. doi: 10.1016/j.bjps.2015.05.027. Epub 2015 May 29. PubMed PMID: 26070489.

874: Rossor AM, Oates EC, Salter HK, Liu Y, Murphy SM, Schule R, Gonzales MA, Scoto M, Phadke R, Sewry CA, Houlden H, Jordanova A, Tournev I, Chamova T, Litvinenko I, Zuchner S, Herrmann DN, Blake J, Sowden JE, Acsadi G, Rodriguez ML, Menezes MP, Clarke NF, Auer Grumbach M, Bullock SL, Muntoni F, Reilly MM, North KN. Reply: The p.Ser107Leu in BICD2 is a mutation 'hot spot' causing distal spinal muscular atrophy. *Brain*. 2015 Nov;138(Pt 11):e392. doi: 10.1093/brain/awv160. Epub 2015 Jun 10. PubMed PMID: 26063657; PubMed Central PMCID: PMC4719680.

875: Cesmebasi A, Spinner RJ. An anatomic-based approach to the iatrogenic spinal accessory nerve injury in the posterior cervical triangle: How to avoid and treat it. *Clin Anat*. 2015 Sep;28(6):761-6. doi: 10.1002/ca.22555. Epub 2015 Jun 10. Review. PubMed PMID: 26060941.

876: Shen Y, Li J, Nitta M, Futalan D, Steed T, Treiber JM, Taich Z, Stevens D, Wykosky J, Chen HZ, Carter BS, Becher OJ, Kennedy R, Esashi F, Sarkaria JN, Furnari FB, Cavenee WK, Desai A, Chen CC. Orthogonal targeting of EGFRvIII expressing glioblastomas through simultaneous EGFR and PLK1 inhibition. *Oncotarget*. 2015 May 20;6(14):11751-67. PubMed PMID: 26059434; PubMed Central PMCID: PMC4494902.

877: Yuan Y, Peizhi Z, Maling G, Wu L, Yunhe M, Xiang W, Qing M, Yanhui L, Ruofei L, Jiewen L. The efficacy of levetiracetam for patients with supratentorial brain tumors. *J Clin Neurosci*. 2015 Aug;22(8):1227-31. doi: 10.1016/j.jocn.2015.01.025. Epub 2015 Jun 6. Review. PubMed PMID: 26051171.

878: Carlson ML, Tveiten ØV, Yost KJ, Lohse CM, Lund-Johansen M, Link MJ. The Minimal Clinically Important Difference in Vestibular Schwannoma Quality-of-Life Assessment: An Important Step beyond $P < .05$. *Otolaryngol Head Neck Surg*. 2015 Aug;153(2):202-8. doi: 10.1177/0194599815585508. Epub 2015 Jun 2. PubMed PMID: 26038393.

- 879: Bruzek A, Shepherd D, Van Gompel J, Jentoft M. Pilocytic astrocytoma presenting as an orbital encephalocele: a case report. *Case Rep Neurol.* 2015 Apr;23(7(1)):90-4. doi: 10.1159/000381943. eCollection 2015 Jan-Apr. PubMed PMID: 26034483; PubMed Central PMCID: PMC4448056.
- 880: De Ferrari GM, Dusi V, Spazzolini C, Bos JM, Abrams DJ, Berul CI, Crotti L, Davis AM, Eldar M, Kharlap M, Khouri A, Krahn AD, Leenhardt A, Moir CR, Odero A, Olde Nordkamp L, Paul T, Rosés I, Noguer F, Shkolnikova M, Till J, Wilde AA, Ackerman MJ, Schwartz PJ. Clinical Management of Catecholaminergic Polymorphic Ventricular Tachycardia: The Role of Left Cardiac Sympathetic Denervation. *Circulation.* 2015 Jun 23;131(25):2185-93. doi: 10.1161/CIRCULATIONAHA.115.015731. Epub 2015 May 27. PubMed PMID: 26019152.
- 881: Woodworth GE, Carney PA, Cohen JM, Kopp SL, Vokach-Brodsky LE, Horn JL, Missair A, Banks SE, Dieckmann NF, Maniker RB. Development and Validation of an Assessment of Regional Anesthesia Ultrasound Interpretation Skills. *Reg Anesth Pain Med.* 2015 Jul-Aug;40(4):306-14. doi: 10.1097/AAP.0000000000000236. PubMed PMID: 26017720.
- 882: Brown SL, Nagaraja TN, Aryal MP, Panda S, Cabral G, Keenan KA, Elmghirbi R, Mikkelsen T, Hearshen D, Knight RA, Wen N, Kim JH, Ewing JR. MRI-Tracked Tumor Vascular Changes in the Hours after Single-Fraction Irradiation. *Radiat Res.* 2015 Jun;183(6):713-21. Epub 2015 May 26. PubMed PMID: 26010711.
- 883: Thrane AS, Rangroo Thrane V, Plog BA, Nedergaard M. Filtering the muddied waters of brain edema. *Trends Neurosci.* 2015 Jun;38(6):333-5. doi: 10.1016/j.tins.2015.04.009. Epub 2015 May 22. PubMed PMID: 26008121.
- 884: Feldman M, Kimmell KT, Replogle RE. Resection of an Occipital-Cervical Junction Schwannoma through a modified minimally invasive approach: Technical Note. *Surg Neurol Int.* 2015 May 7;6(Suppl 4):S177-81. doi: 10.4103/2152-7806.156566. eCollection 2015. PubMed PMID: 26005580; PubMed Central PMCID: PMC4431051.
- 885: Pauchot J, Di Tommaso L, Lounis A, Benassarou M, Mathieu P, Bernot D, Aubry S. Leap Motion Gesture Control With Carestream Software in the Operating Room to Control Imaging: Installation Guide and Discussion. *Surg Innov.* 2015 Dec;22(6):615-20. doi: 10.1177/1553350615587992. Epub 2015 May 22. PubMed PMID: 26002115.
- 886: King-Stephens D, Mirro E, Weber PB, Laxer KD, Van Ness PC, Salanova V, Spencer DC, Heck CN, Goldman A, Jobst B, Shields DC, Bergey GK, Eisenschenk S, Worrell GA, Rossi MA, Gross RE, Cole AJ, Sperling MR, Nair DR, Gwinn RP, Park YD, Rutecki PA, Fountain NB, Wharen RE, Hirsch LJ, Miller IO, Barkley GL, Edwards JC, Geller EB, Berg MJ, Sadler TL, Sun FT, Morrell MJ. Lateralization of mesial temporal lobe epilepsy with chronic ambulatory electrocorticography. *Epilepsia.* 2015 Jun;56(6):959-67. doi: 10.1111/epi.13010. Epub 2015 May 19. PubMed PMID: 25988840; PubMed Central PMCID: PMC4676303.
- 887: Bekelis K, Missios S, Spinner RJ. Falls and peripheral nerve injuries: an age-dependent relationship. *J Neurosurg.* 2015 Nov;123(5):1223-9. doi: 10.3171/2014.11.JNS142111. Epub 2015 May 15. PubMed PMID: 25978715.
- 888: Gu CN, Brinjikji W, Evans AJ, Murad MH, Kallmes DF. Outcomes of vertebroplasty compared with kyphoplasty: a systematic review and meta-analysis. *J Neurointerv Surg.* 2016 Jun;8(6):636-42. doi: 10.1136/neurintsurg-2015-011714. Epub 2015 May 11. Review. PubMed PMID: 25964376.
- 889: Ferlisi M, Hocker S, Grade M, Trinka E, Shorvon S; International Steering Committee of the StEP Audit. Preliminary results of the global audit of treatment of refractory status epilepticus. *Epilepsy*

Behav. 2015 Aug;49:318-24. doi: 10.1016/j.yebeh.2015.04.010. Epub 2015 May 4. Erratum in: Epilepsy Behav. 2015 Nov;52(Pt A):132. Zeid, Yasiri [corrected to Yasiry, Zeid]. PubMed PMID: 25952268.

890: Renner DN, Jin F, Litterman AJ, Balgeman AJ, Hanson LM, Gamez JD, Chae M, Carlson BL, Sarkaria JN, Parney IF, Ohlfest JR, Pirko I, Pavelko KD, Johnson AJ. Effective Treatment of Established GL261 Murine Gliomas through Picornavirus Vaccination-Enhanced Tumor Antigen-Specific CD8+ T Cell Responses. PLoS One. 2015 May 1;10(5):e0125565. doi: 10.1371/journal.pone.0125565. eCollection 2015. PubMed PMID: 25933216; PubMed Central PMCID: PMC4416934.

891: Simon NG, Spinner RJ, Kline DG, Kliot M. Advances in the neurological and neurosurgical management of peripheral nerve trauma. J Neurol Neurosurg Psychiatry. 2016 Feb;87(2):198-208. doi: 10.1136/jnnp-2014-310175. Epub 2015 Apr 28. Review. PubMed PMID: 25922080.

892: Mahon BZ. What is embodied about cognition? Lang Cogn Neurosci. 2015 May 1;30(4):420-429. PubMed PMID: 25914889; PubMed Central PMCID: PMC4405253.

893: Oeur RA, Karton C, Post A, Rousseau P, Hoshizaki TB, Marshall S, Brien SE, Smith A, Cusimano MD, Gilchrist MD. A comparison of head dynamic response and brain tissue stress and strain using accident reconstructions for concussion, concussion with persistent postconcussive symptoms, and subdural hematoma. J Neurosurg. 2015 Aug;123(2):415-22. doi: 10.3171/2014.10.JNS14440. Epub 2015 Apr 24. PubMed PMID: 25909574.

894: Yeaney GA, Denby EL, Jahromi BS, Mangla R. Rheumatoid-associated meningitis and vasculopathy. Neurology. 2015 Apr 21;84(16):1717-8. doi: 10.1212/WNL.0000000000001498. PubMed PMID: 25901058.

895: Brummett CM, Lohse AG, Tsodikov A, Moser SE, Meraj TS, Goesling J, Hooten M, Hassett AL. Aberrant analgesic response to medial branch blocks in patients with characteristics of fibromyalgia. Reg Anesth Pain Med. 2015 May-Jun;40(3):249-54. doi: 10.1097/AAP.0000000000000235. Erratum in: Reg Anesth Pain Med. 2015 Nov-Dec;40(6):735. PubMed PMID: 25899954.

896: Owen D, Olivier KR, Mayo CS, Miller RC, Nelson K, Bauer H, Brown PD, Park SS, Ma DJ, Garces YI. Outcomes of stereotactic body radiotherapy (SBRT) treatment of multiple synchronous and recurrent lung nodules. Radiat Oncol. 2015 Feb 18;10:43. doi: 10.1186/s13014-015-0340-9. PubMed PMID: 25889747; PubMed Central PMCID: PMC4341868.

897: Reinard K, Basheer A, Phillips S, Snyder A, Agarwal A, Jafari-Khouzani K, Soltanian-Zadeh H, Schultz L, Aho T, Schwallb JM. Simple and reproducible linear measurements to determine ventricular enlargement in adults. Surg Neurol Int. 2015 Apr 9;6:59. doi: 10.4103/2152-7806.154777. eCollection 2015. PubMed PMID: 25883851; PubMed Central PMCID: PMC4399169.

898: Semple BD, Lee S, Sadjadi R, Fritz N, Carlson J, Griep C, Ho V, Jang P, Lamb A, Popolizio B, Saini S, Bazarian JJ, Prins ML, Ferriero DM, Basso DM, Noble-Haeusslein LJ. Repetitive concussions in adolescent athletes - translating clinical and experimental research into perspectives on rehabilitation strategies. Front Neurol. 2015 Apr 2;6:69. doi: 10.3389/fneur.2015.00069. eCollection 2015. Review. PubMed PMID: 25883586; PubMed Central PMCID: PMC4382966.

899: Stunnenberg BC, Woertman W, Raaphorst J, Statland JM, Griggs RC, Timmermans J, Saris CG, Schouwenberg BJ, Groenewoud HM, Stegeman DF, van Engelen BG, Drost G, van der Wilt GJ. Combined N-of-1 trials to investigate mexiletine in non-dystrophic myotonia using a Bayesian approach; study rationale and protocol. BMC Neurol. 2015 Mar 25;15:43. doi: 10.1186/s12883-015-0294-4. PubMed PMID: 25880166; PubMed Central PMCID: PMC4407841.

- 900: Zhao B, Zhao Y, Tan X, Cao Y, Wu J, Zhong M, Wang S. Factors and outcomes associated with ultra-early surgery for poor-grade aneurysmal subarachnoid haemorrhage: a multicentre retrospective analysis. *BMJ Open*. 2015 Apr 15;5(4):e007410. doi: 10.1136/bmjopen-2014-007410. PubMed PMID: 25877280; PubMed Central PMCID: PMC4401840.
- 901: Tveiten OV, Carlson ML, Goplen F, Vassbotn F, Link MJ, Lund-Johansen M. Long-term Auditory Symptoms in Patients With Sporadic Vestibular Schwannoma: An International Cross-Sectional Study. *Neurosurgery*. 2015 Aug;77(2):218-27; discussion 227. doi: 10.1227/NEU.0000000000000760. PubMed PMID: 25850598.
- 902: Kazda T, Pospisil P, Vrzal M, Sevela O, Prochazka T, Jancalek R, Slampa P, Laack NN. Volumetric modulated arc therapy for hippocampal-sparing radiotherapy in transformed low-grade glioma: A treatment planning case report. *Cancer Radiother*. 2015 May;19(3):187-91. doi: 10.1016/j.canrad.2014.11.013. Epub 2015 Mar 30. PubMed PMID: 25835374.
- 903: Kang PB, Morrison L, Iannaccone ST, Graham RJ, Bönnemann CG, Rutkowski A, Hornyak J, Wang CH, North K, Oskoui M, Getchius TS, Cox JA, Hagen EE, Gronseth G, Griggs RC; Guideline Development Subcommittee of the American Academy of Neurology and the Practice Issues Review Panel of the American Association of Neuromuscular & Electrodiagnostic Medicine. Evidence-based guideline summary: evaluation, diagnosis, and management of congenital muscular dystrophy: Report of the Guideline Development Subcommittee of the American Academy of Neurology and the Practice Issues Review Panel of the American Association of Neuromuscular & Electrodiagnostic Medicine. *Neurology*. 2015 Mar 31;84(13):1369-78. doi: 10.1212/WNL.0000000000001416. PubMed PMID: 25825463; PubMed Central PMCID: PMC4388744.
- 904: Plog BA, Nedergaard M. Why have we not yet developed a simple blood test for TBI? *Expert Rev Neurother*. 2015 May;15(5):465-8. doi: 10.1586/14737175.2015.1031112. Epub 2015 Mar 30. PubMed PMID: 25821902.
- 905: Vinay DS, Ryan EP, Pawelec G, Talib WH, Stagg J, Elkord E, Lichtor T, Decker WK, Whelan RL, Kumara HMCS, Signori E, Honoki K, Georgakilas AG, Amin A, Helferich WG, Boosani CS, Guha G, Ciriolo MR, Chen S, Mohammed SI, Azmi AS, Keith WN, Bilsland A, Bhakta D, Halicka D, Fujii H, Aquilano K, Ashraf SS, Nowsheen S, Yang X, Choi BK, Kwon BS. Immune evasion in cancer: Mechanistic basis and therapeutic strategies. *Semin Cancer Biol*. 2015 Dec;35 Suppl:S185-S198. doi: 10.1016/j.semcan.2015.03.004. Epub 2015 Mar 25. Review. PubMed PMID: 25818339.
- 906: Zhao B, Zhao Y, Tan X, Cao Y, Wu J, Zhong M, Wang S. Primary decompressive craniectomy for poor-grade middle cerebral artery aneurysms with associated intracerebral hemorrhage. *Clin Neurol Neurosurg*. 2015 Jun;133:1-5. doi: 10.1016/j.clineuro.2015.03.009. Epub 2015 Mar 14. PubMed PMID: 25817570.
- 907: Jobling RK, Assoum M, Gakh O, Blaser S, Raiman JA, Mignot C, Roze E, Dürr A, Brice A, Lévy N, Prasad C, Paton T, Paterson AD, Roslin NM, Marshall CR, Desvignes JP, Roëckel-Trevisiol N, Scherer SW, Rouleau GA, Mégarbané A, Isaya G, Delague V, Yoon G. PMPCA mutations cause abnormal mitochondrial protein processing in patients with non-progressive cerebellar ataxia. *Brain*. 2015 Jun;138(Pt 6):1505-17. doi: 10.1093/brain/awv057. Epub 2015 Mar 25. PubMed PMID: 25808372; PubMed Central PMCID: PMC4542620.
- 908: Markman JD, Barbosa WA, Gewandter JS, Frazer M, Rast S, Dugan M, Nandigam K, Villareal A, Kwong TC. Interpretation of urine drug testing results in patients using transdermal buprenorphine preparations for the treatment of chronic noncancer pain. *Pain Med*. 2015 Jun;16(6):1132-6. doi: 10.1111/pme.12740. Epub 2015 Mar 20. PubMed PMID: 25800409.

- 909: Petkovich BW, Vega J, Thomas S. Vagal modulation of hypertension. *Curr Hypertens Rep.* 2015 Apr;17(4):532. doi: 10.1007/s11906-015-0532-6. Review. PubMed PMID: 25794951.
- 910: Wasserman EB, Abar B, Shah MN, Wasserman D, Bazarian JJ. Concussions are associated with decreased batting performance among Major League Baseball players. *Am J Sports Med.* 2015 May;43(5):1127-33. doi: 10.1177/0363546515576130. Epub 2015 Mar 17. PubMed PMID: 25784627.
- 911: Wilson SJ, Baxendale S, Barr W, Hamed S, Langfitt J, Samson S, Watanabe M, Baker GA, Helmstaedter C, Hermann BP, Smith ML. Indications and expectations for neuropsychological assessment in routine epilepsy care: Report of the ILAE Neuropsychology Task Force, Diagnostic Methods Commission, 2013-2017. *Epilepsia.* 2015 May;56(5):674-81. doi: 10.1111/epi.12962. Epub 2015 Mar 16. PubMed PMID: 25779625.
- 912: Treanerry MR, Meador KJ. Predicting memory change after temporal lobectomy for epilepsy. *Neurology.* 2015 Apr 14;84(15):1508-9. doi: 10.1212/WNL.0000000000001482. Epub 2015 Mar 13. PubMed PMID: 25770195.
- 913: Wanna GB, Sweeney AD, Haynes DS, Carlson ML. Contemporary management of jugular paragangliomas. *Otolaryngol Clin North Am.* 2015 Apr;48(2):331-41. doi: 10.1016/j.otc.2014.12.007. Review. PubMed PMID: 25769354.
- 914: Feyissa AM, Tummala S. Intraoperative neurophysiologic monitoring with Hoffmann reflex during thoracic spine surgery. *J Clin Neurosci.* 2015 Jun;22(6):990-4. doi: 10.1016/j.jocn.2015.01.008. Epub 2015 Mar 11. PubMed PMID: 25769258.
- 915: Tong Q, Cai Q, de Mooij T, Xu X, Dai S, Qu W, Zhao D. Adverse events of anti-tumor necrosis factor α therapy in ankylosing spondylitis. *PLoS One.* 2015 Mar 12;10(3):e0119897. doi: 10.1371/journal.pone.0119897. eCollection 2015. Erratum in: *PLoS One.* 2015;10(4):e0127488. PubMed PMID: 25764452; PubMed Central PMCID: PMC4357466.
- 916: Kahn K, Saxena S, Eskandar E, Thakor N, Schieber M, Gale JT, Averbeck B, Eden U, Sarma SV. A systematic approach to selecting task relevant neurons. *J Neurosci Methods.* 2015 Apr 30;245:156-68. doi: 10.1016/j.jneumeth.2015.02.020. Epub 2015 Mar 3. PubMed PMID: 25746150; PubMed Central PMCID: PMC6328927.
- 917: Bates JE, Youn P, Peterson CR 3rd, Usuki KY, Walter KA, Okunieff P, Milano MT. Radiotherapy for Brain Metastases From Renal Cell Carcinoma in the Targeted Therapy Era: The University of Rochester Experience. *Am J Clin Oncol.* 2017 Oct;40(5):439-443. doi: 10.1097/COC.000000000000186. PubMed PMID: 25730604.
- 918: Haring RS, Narang K, Canner JK, Asemota AO, George BP, Selvarajah S, Haider AH, Schneider EB. Traumatic brain injury in the elderly: morbidity and mortality trends and risk factors. *J Surg Res.* 2015 May 1;195(1):1-9. doi: 10.1016/j.jss.2015.01.017. Epub 2015 Jan 15. PubMed PMID: 25724764.
- 919: Giuffre JL, Bishop AT, Spinner RJ, Shin AY. The best of tendon and nerve transfers in the upper extremity. *Plast Reconstr Surg.* 2015 Mar;135(3):617e-630e. doi: 10.1097/PRS.0000000000001071. Review. PubMed PMID: 25719726.
- 920: Simões EA, DeVincenzo JP, Boeckh M, Bont L, Crowe JE Jr, Griffiths P, Hayden FG, Hodinka RL, Smyth RL, Spencer K, Thirstrup S, Walsh EE, Whitley RJ. Challenges and opportunities in developing respiratory syncytial virus therapeutics. *J Infect Dis.* 2015 Mar 15;211 Suppl 1:S1-S20. doi: 10.1093/infdis/jiu828. PubMed PMID: 25713060; PubMed Central PMCID: PMC4345819.

- 921: Okafor L, Frost C, Mesfin A. Publication rate of paper presentations from the Cervical Spine Research Society annual meeting. *Spine (Phila Pa 1976)*. 2015 May 15;40(10):699-702. doi: 10.1097/BRS.0000000000000838. PubMed PMID: 25705960.
- 922: Markman JD, Gewandter JS, Frazer ME, Murray NM, Rast SA, McDermott MP, Chowdhry AK, Tomkinson EJ, Pilcher WH, Walter KA, Dworkin RH. A Randomized, Double-blind, Placebo-Controlled Crossover Trial of Oxymorphone Hydrochloride and Propoxyphene/Acetaminophen Combination for the Treatment of Neurogenic Claudication Associated With Lumbar Spinal Stenosis. *Spine (Phila Pa 1976)*. 2015 May 15;40(10):684-91. doi: 10.1097/BRS.0000000000000837. PubMed PMID: 25705958.
- 923: Tchantchaleishvili V, Becerra-Gonzales V, Fernandez G, Mieszczanska HZ, Jahromi BS, Cove CJ. Embolization of cardiac arteriovenous malformation with onyx. *JACC Cardiovasc Interv*. 2015 Mar;8(3):e39-e40. doi: 10.1016/j.jcin.2014.10.018. Epub 2015 Feb 18. PubMed PMID: 25703874.
- 924: Tang W, Szokol K, Jensen V, Enger R, Trivedi CA, Hvalby Ø, Helm PJ, Looger LL, Sprengel R, Nagelhus EA. Stimulation-evoked Ca²⁺ signals in astrocytic processes at hippocampal CA3-CA1 synapses of adult mice are modulated by glutamate and ATP. *J Neurosci*. 2015 Feb 18;35(7):3016-21. doi: 10.1523/JNEUROSCI.3319-14.2015. PubMed PMID: 25698739; PubMed Central PMCID: PMC4331625.
- 925: Helman G, Van Haren K, Bonkowsky JL, Bernard G, Pizzino A, Braverman N, Suhr D, Patterson MC, Ali Fatemi S, Leonard J, van der Knaap MS, Back SA, Damiani S, Goldman SA, Takanohashi A, Petryniak M, Rowitch D, Messing A, Wrabetz L, Schiffmann R, Eichler F, Escolar ML, Vanderver A; GLIA Consortium. Disease specific therapies in leukodystrophies and leukoencephalopathies. *Mol Genet Metab*. 2015 Apr;114(4):527-36. doi: 10.1016/j.ymgme.2015.01.014. Epub 2015 Feb 7. PubMed PMID: 25684057; PubMed Central PMCID: PMC4390468.
- 926: Baets J, Duan X, Wu Y, Smith G, Seeley WW, Mademan I, McGrath NM, Beadell NC, Khouri J, Botuyan MV, Mer G, Worrell GA, Hojo K, DeLeon J, Laura M, Liu YT, Senderek J, Weis J, Van den Bergh P, Merrill SL, Reilly MM, Houlden H, Grossman M, Scherer SS, De Jonghe P, Dyck PJ, Klein CJ. Defects of mutant DNMT1 are linked to a spectrum of neurological disorders. *Brain*. 2015 Apr;138(Pt 4):845-61. doi: 10.1093/brain/awv010. Epub 2015 Feb 11. PubMed PMID: 25678562; PubMed Central PMCID: PMC5014076.
- 927: Kalani MY, Cavallo C, Coons SW, Lettieri SC, Nakaji P, Porter RW, Spetzler RF, Feiz-Erfan I. Long-term follow-up of surgical resection of microcystic meningiomas. *J Clin Neurosci*. 2015 Apr;22(4):713-7. doi: 10.1016/j.jocn.2014.12.004. Epub 2015 Feb 9. PubMed PMID: 25677877.
- 928: Capek S, Koutlas IG, Strasia RP, Amrami KK, Spinner RJ. An inferior alveolar intraneuronal cyst: a case example and an anatomical explanation to support the articular theory within cranial nerves. *J Neurosurg*. 2015 Jun;122(6):1433-7. doi: 10.3171/2014.12.JNS14798. Epub 2015 Feb 6. PubMed PMID: 25658786.
- 929: Graffeo CS, Tanweer O, Nieves CF, Belmont HM, Izmirly PM, Becske T, Huang PP. Rapid aneurysm growth and rupture in systemic lupus erythematosus. *Surg Neurol Int*. 2015 Jan 20;6:9. doi: 10.4103/2152-7806.149617. eCollection 2015. PubMed PMID: 25657862; PubMed Central PMCID: PMC4310132.
- 930: Parikh S, Bernard G, Leventer RJ, van der Knaap MS, van Hove J, Pizzino A, McNeill NH, Helman G, Simons C, Schmidt JL, Rizzo WB, Patterson MC, Taft RJ, Vanderver A; GLIA Consortium. A clinical approach to the diagnosis of patients with leukodystrophies and genetic leukoencephalopathies. *Mol Genet Metab*. 2015 Apr;114(4):501-515. doi: 10.1016/j.ymgme.2014.12.434. Epub 2014 Dec 29.

Review. PubMed PMID: 25655951; PubMed Central PMCID: PMC4390485.

931: Jalali A, Amirian ES, Bainbridge MN, Armstrong GN, Liu Y, Tsavachidis S, Jhangiani SN, Plon SE, Lau CC, Claus EB, Barnholtz-Sloan JS, Il'yasova D, Schildkraut J, Ali-Osman F, Sadetzki S, Johansen C, Houlston RS, Jenkins RB, Lachance D, Olson SH, Bernstein JL, Merrell RT, Wrensch MR, Davis FG, Lai R, Shete S, Aldape K, Amos CI, Muzny DM, Gibbs RA, Melin BS, Bondy ML. Targeted sequencing in chromosome 17q linkage region identifies familial glioma candidates in the Gliogene Consortium. *Sci Rep.* 2015 Feb 5;5:8278. doi: 10.1038/srep08278. PubMed PMID: 25652157; PubMed Central PMCID: PMC4317686.

932: Vasavada MM, Wang J, Eslinger PJ, Gill DJ, Sun X, Karunananayaka P, Yang QX. Olfactory cortex degeneration in Alzheimer's disease and mild cognitive impairment. *J Alzheimers Dis.* 2015;45(3):947-58. doi: 10.3233/JAD-141947. PubMed PMID: 25633674.

933: Pokorny JL, Calligaris D, Gupta SK, Iyekegbe DO Jr, Mueller D, Bakken KK, Carlson BL, Schroeder MA, Evans DL, Lou Z, Decker PA, Eckel-Passow JE, Pucci V, Ma B, Shumway SD, Elmquist WF, Agar NY, Sarkaria JN. The Efficacy of the Wee1 Inhibitor MK-1775 Combined with Temozolomide Is Limited by Heterogeneous Distribution across the Blood-Brain Barrier in Glioblastoma. *Clin Cancer Res.* 2015 Apr 15;21(8):1916-24. doi: 10.1158/1078-0432.CCR-14-2588. Epub 2015 Jan 21. PubMed PMID: 25609063; PubMed Central PMCID: PMC4401631.

934: Hibar DP, Stein JL, Renteria ME, Arias-Vasquez A, Desrivières S, Jahanshad N, Toro R, Wittfeld K, Abramovic L, Andersson M, Aribisala BS, Armstrong NJ, Bernard M, Bohlken MM, Boks MP, Bralten J, Brown AA, Chakravarty MM, Chen Q, Ching CR, Cuellar-Partida G, den Braber A, Giddaluru S, Goldman AL, Grimm O, Guadalupe T, Hass J, Woldehawariat G, Holmes AJ, Hoogman M, Janowitz D, Jia T, Kim S, Klein M, Kraemer B, Lee PH, Olde Loohuis LM, Luciano M, Macare C, Mather KA, Mattheisen M, Milaneschi Y, Nho K, Papmeyer M, Ramasamy A, Risacher SL, Roiz-Santiañez R, Rose EJ, Salami A, Sämann PG, Schmaal L, Schork AJ, Shin J, Strike LT, Teumer A, van Donkelaar MM, van Eijk KR, Walters RK, Westlye LT, Whelan CD, Winkler AM, Zwiers MP, Alhusaini S, Athanasiu L, Ehrlich S, Hakobyan MM, Hartberg CB, Haukvik UK, Heister AJ, Hoehn D, Kasparaviciute D, Liewald DC, Lopez LM, Makkinje RR, Matarin M, Naber MA, McKay DR, Needham M, Nugent AC, Pütz B, Royle NA, Shen L, Sprooten E, Trabzuni D, van der Marel SS, van Hulzen KJ, Walton E, Wolf C, Almasy L, Ames D, Arepalli S, Assareh AA, Bastin ME, Brodaty H, Bulayeva KB, Carless MA, Cichon S, Corvin A, Curran JE, Czisch M, de Zubizaray GI, Dillman A, Duggirala R, Dyer TD, Erk S, Fedko IO, Ferrucci L, Foroud TM, Fox PT, Fukunaga M, Gibbs JR, Göring HH, Green RC, Guelfi S, Hansell NK, Hartman CA, Hegenscheid K, Heinz A, Hernandez DG, Heslenfeld DJ, Hoekstra PJ, Holsboer F, Homuth G, Hottenga JJ, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Kanai R, Keil M, Kent JW Jr, Kochunov P, Kwok JB, Lawrie SM, Liu X, Longo DL, McMahon KL, Meisenzahl E, Melle I, Mohnke S, Montgomery GW, Mostert JC, Mühlleisen TW, Nalls MA, Nichols TE, Nilsson LG, Nöthen MM, Ohi K, Olvera RL, Perez-Iglesias R, Pike GB, Potkin SG, Reinvang I, Reppermund S, Rietschel M, Romanczuk-Seiferth N, Rosen GD, Rujescu D, Schnell K, Schofield PR, Smith C, Steen VM, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Turner JA, Valdés Hernández MC, van 't Ent D, van der Brug M, van der Wee NJ, van Tol MJ, Veltman DJ, Wassink TH, Westman E, Zielke RH, Zonderman AB, Ashbrook DG, Hager R, Lu L, McMahon FJ, Morris DW, Williams RW, Brunner HG, Buckner RL, Buitelaar JK, Cahn W, Calhoun VD, Cavalleri GL, Crespo-Facorro B, Dale AM, Davies GE, Delanty N, Depondt C, Djurovic S, Drevets WC, Espeseth T, Gollub RL, Ho BC, Hoffmann W, Hosten N, Kahn RS, Le Hellard S, Meyer-Lindenberg A, Müller-Myhsok B, Nauck M, Nyberg L, Pandolfo M, Penninx BW, Roffman JL, Sisodiya SM, Smoller JW, van Bokhoven H, van Haren NE, Völzke H, Walter H, Weiner MW, Wen W, White T, Agartz I, Andreassen OA, Blangero J, Boomsma DI, Brouwer RM, Cannon DM, Cookson MR, de Geus EJ, Deary IJ, Donohoe G, Fernández G, Fisher SE, Francks C, Glahn DC, Grabe HJ, Gruber O, Hardy J, Hashimoto R, Hulshoff Pol HE, Jönsson EG, Kloszewska I, Lovestone S, Mattay VS, Mecocci P, McDonald C, McIntosh AM, Ophoff RA, Paus T, Pausova Z, Ryten M, Sachdev PS, Saykin AJ, Simmons A, Singleton A, Soininen H, Wardlaw JM, Weale

ME, Weinberger DR, Adams HH, Launer LJ, Seiler S, Schmidt R, Chauhan G, Satizabal CL, Becker JT, Yanek L, van der Lee SJ, Ebli M, Fischl B, Longstreth WT Jr, Greve D, Schmidt H, Nyquist P, Vinke LN, van Duijn CM, Xue L, Mazoyer B, Bis JC, Gudnason V, Seshadri S, Ikram MA; Alzheimer's Disease Neuroimaging Initiative; CHARGE Consortium; EPIGEN; IMAGEN; SYS, Martin NG, Wright MJ, Schumann G, Franke B, Thompson PM, Medland SE. Common genetic variants influence human subcortical brain structures. *Nature*. 2015 Apr 9;520(7546):224-9. doi: 10.1038/nature14101. Epub 2015 Jan 21. PubMed PMID: 25607358; PubMed Central PMCID: PMC4393366.

935: Chen Q, Garcea FE, Mahon BZ. The Representation of Object-Directed Action and Function Knowledge in the Human Brain. *Cereb Cortex*. 2016 Apr;26(4):1609-18. doi: 10.1093/cercor/bhu328. Epub 2015 Jan 16. PubMed PMID: 25595179; PubMed Central PMCID: PMC4785951.

936: Petraglia AL, Plog BA, Dayawansa S, Dashnaw ML, Czerniecka K, Walker CT, Chen M, Hyrien O, Iliff JJ, Deane R, Huang JH, Nedergaard M. The pathophysiology underlying repetitive mild traumatic brain injury in a novel mouse model of chronic traumatic encephalopathy. *Surg Neurol Int*. 2014 Dec 23;5:184. doi: 10.4103/2152-7806.147566. eCollection 2014. PubMed PMID: 25593768; PubMed Central PMCID: PMC4287910.

937: Plog BA, Dashnaw ML, Hitomi E, Peng W, Liao Y, Lou N, Deane R, Nedergaard M. Biomarkers of traumatic injury are transported from brain to blood via the glymphatic system. *J Neurosci*. 2015 Jan 14;35(2):518-26. doi: 10.1523/JNEUROSCI.3742-14.2015. PubMed PMID: 25589747; PubMed Central PMCID: PMC4293408.

938: Ren L, Kucewicz MT, Cimbalnik J, Matsumoto JY, Brinkmann BH, Hu W, Marsh WR, Meyer FB, Stead SM, Worrell GA. Gamma oscillations precede interictal epileptiform spikes in the seizure onset zone. *Neurology*. 2015 Feb 10;84(6):602-8. doi: 10.1212/WNL.0000000000001234. Epub 2015 Jan 14. PubMed PMID: 25589669; PubMed Central PMCID: PMC4335986.

939: Wang H, Wang B, Jackson K, Miller CM, Hasadsri L, Llano D, Rubin R, Zimmerman J, Johnson C, Sutton B. A novel head-neck cooling device for concussion injury in contact sports. *Transl Neurosci*. 2015 Jan 14;6(1):20-31. doi: 10.1515/tnsci-2015-0004. eCollection 2015. PubMed PMID: 28123788; PubMed Central PMCID: PMC4936612.

940: Van Haren K, Bonkowsky JL, Bernard G, Murphy JL, Pizzino A, Helman G, Suhr D, Waggoner J, Hobson D, Vanderver A, Patterson MC; GLIA Consortium. Consensus statement on preventive and symptomatic care of leukodystrophy patients. *Mol Genet Metab*. 2015 Apr;114(4):516-26. doi: 10.1016/j.ymgme.2014.12.433. Epub 2014 Dec 27. PubMed PMID: 25577286.

941: Finnerup NB, Attal N, Haroutounian S, McNicol E, Baron R, Dworkin RH, Gilron I, Haanpää M, Hansson P, Jensen TS, Kamerman PR, Lund K, Moore A, Raja SN, Rice AS, Rowbotham M, Sena E, Siddall P, Smith BH, Wallace M. Pharmacotherapy for neuropathic pain in adults: a systematic review and meta-analysis. *Lancet Neurol*. 2015 Feb;14(2):162-73. doi: 10.1016/S1474-4422(14)70251-0. Epub 2015 Jan 7. Review. PubMed PMID: 25575710; PubMed Central PMCID: PMC4493167.

942: Petraglia AL, Walker CT, Bailes JE, Callerame KJ, Thompson KE, Burnham JM. Concussion in the absence of head impact: a case in a collegiate hammer thrower. *Curr Sports Med Rep*. 2015 Jan;14(1):11-5. doi: 10.1249/CMR.000000000000107. PubMed PMID: 25574875.

943: Kimmell KT, Weil RJ, Marko NF. Multi-modal management of acromegaly: a value perspective. *Pituitary*. 2015 Oct;18(5):658-65. doi: 10.1007/s11102-014-0626-1. PubMed PMID: 25557288.

944: Liu Y, Carson-Walter E, Walter KA. Targeting chemokine receptor CXCR7 inhibits glioma cell proliferation and mobility. *Anticancer Res*. 2015 Jan;35(1):53-64. PubMed PMID: 25550535.

945: Crawford CH 3rd, Ledonio CG, Bess RS, Buchowski JM, Burton DC, Hu SS, Lonner BS, Polly DW, Smith JS, Sanders JO. Current Evidence Regarding the Surgical and Nonsurgical Treatment of Pediatric Lumbar Spondylolysis: A Report from the Scoliosis Research Society Evidence-Based Medicine Committee. *Spine Deform.* 2015 Jan;3(1):30-44. doi: 10.1016/j.jspd.2014.06.004. Epub 2014 Dec 18. PubMed PMID: 27927449.

946: Crawford CH 3rd, Ledonio CG, Bess RS, Buchowski JM, Burton DC, Hu SS, Lonner BS, Polly DW, Smith JS, Sanders JO. Current Evidence Regarding the Etiology, Prevalence, Natural History, and Prognosis of Pediatric Lumbar Spondylolysis: A Report from the Scoliosis Research Society Evidence-Based Medicine Committee. *Spine Deform.* 2015 Jan;3(1):12-29. doi: 10.1016/j.jspd.2014.06.005. Epub 2014 Dec 18. PubMed PMID: 27927448.

947: Chyu MC, Austin T, Calisir F, Chanjalammootil S, Davis MJ, Favela J, Gan H, Gefen A, Haddas R, Hahn-Goldberg S, Hornero R, Huang YL, Jensen Ø, Jiang Z, Katsanis JS, Lee JA, Lewis G, Lovell NH, Luebbers HT, Morales GG, Matis T, Matthews JT, Mazur L, Ng EY, Oommen KJ, Ormand K, Rohde T, Sánchez-Morillo D, Sanz-Calcedo JG, Sawan M, Shen CL, Shieh JS, Su CT, Sun L, Sun M, Sun Y, Tewolde SN, Williams EA, Yan C, Zhang J, Zhang YT. Healthcare Engineering Defined: A White Paper. *J Healthc Eng.* 2015;6(4):635-47. doi: 10.1260/2040-2295.6.4.635. PubMed PMID: 27010831.

948: Carlson ML, Tveiten ØV, Driscoll CL, Goplen FK, Neff BA, Pollock BE, Tombers NM, Lund-Johansen M, Link MJ. What drives quality of life in patients with sporadic vestibular schwannoma? *Laryngoscope.* 2015 Jul;125(7):1697-702. doi: 10.1002/lary.25110. Epub 2014 Dec 27. PubMed PMID: 25546382.

949: Markman JD, Kress BT, Frazer M, Hanson R, Kogan V, Huang JH. Screening for neuropathic characteristics in failed back surgery syndromes: challenges for guiding treatment. *Pain Med.* 2015 Mar;16(3):520-30. doi: 10.1111/pme.12612. Epub 2014 Dec 19. PubMed PMID: 25530081.

950: Carpenter V, LaRiccia B, Papadakos PJ. Malignant hyperthermia in a trauma patient. *JAAPA.* 2015 Jan;28(1):45-7. doi: 10.1097/01.JAA.0000453862.54700.78. PubMed PMID: 25522026.

951: Woehler A, Lau CC, Prayer D, Bauchet L, Rosenfeld M, Capper D, Fisher PG, Kool M, Müller M, Kros JM, Kruchko C, Wiemels J, Wrensch M, Danysh HE, Zouaoui S, Heck JE, Johnson KJ, Qi X, O'Neill BP, Afzal S, Scheurer ME, Bainbridge MN, Nousome D, Bahassi el M, Hainfellner JA, Barnholtz-Sloan JS; Brain Tumor Epidemiology Consortium. Brain Tumor Epidemiology - A Hub within Multidisciplinary Neuro-oncology. Report on the 15th Brain Tumor Epidemiology Consortium (BTEC) Annual Meeting, Vienna, 2014. *Clin Neuropathol.* 2015 Jan-Feb;34(1):40-6. PubMed PMID: 25518914; PubMed Central PMCID: PMC4317580.

952: Peschillo S, Caporlingua A, Cannizzaro D, Resta M, Burdi N, Valvassori L, Pero G, Lanzino G. Flow diverter stent treatment for ruptured basilar trunk perforator aneurysms. *J Neurointerv Surg.* 2016 Feb;8(2):190-6. doi: 10.1136/neurintsurg-2014-011511. Epub 2014 Dec 16. PubMed PMID: 25516534.

953: Schmickl CN, Mastrobuoni S, Filippidis FT, Shah S, Radic J, Murad MH, Toy P, Gajic O. Male-predominant plasma transfusion strategy for preventing transfusion-related acute lung injury: a systematic review. *Crit Care Med.* 2015 Jan;43(1):205-25. doi: 10.1097/CCM.0000000000000675. Review. PubMed PMID: 25514705.

954: Capek S, Amrami KK, Howe BM, Spinner RJ. Perineural tumor spread to the muscle: An alternative for muscle metastasis? *Clin Anat.* 2015 Jul;28(5):560-2. doi: 10.1002/ca.22485. Epub 2014 Dec 15. PubMed PMID: 25511297.

955: Paul DA, Gaffin-Cahn E, Hintz EB, Adeclat GJ, Zhu T, Williams ZR, Vates GE, Mahon BZ. White matter changes linked to visual recovery after nerve decompression. *Sci Transl Med.* 2014 Dec

10;6(266):266ra173. doi: 10.1126/scitranslmed.3010798. PubMed PMID: 25504884; PubMed Central PMCID: PMC4292937.

956: Markman JD, Frazer ME, Rast SA, McDermott MP, Gewandter JS, Chowdhry AK, Czerniecka K, Pilcher WH, Simon LS, Dworkin RH. Double-blind, randomized, controlled, crossover trial of pregabalin for neurogenic claudication. *Neurology*. 2015 Jan 20;84(3):265-72. doi: 10.1212/WNL.0000000000001168. Epub 2014 Dec 10. PubMed PMID: 25503625; PubMed Central PMCID: PMC4335998.

957: Sadosky A, Mardekian J, Parsons B, Hopps M, Bienen EJ, Markman J. Healthcare utilization and costs in diabetes relative to the clinical spectrum of painful diabetic peripheral neuropathy. *J Diabetes Complications*. 2015 Mar;29(2):212-7. doi: 10.1016/j.jdiacomp.2014.10.013. Epub 2014 Nov 8. PubMed PMID: 25498300.

958: Rossor AM, Oates EC, Salter HK, Liu Y, Murphy SM, Schule R, Gonzalez MA, Scoto M, Phadke R, Sewry CA, Houlden H, Jordanova A, Tournev I, Chamova T, Litvinenko I, Zuchner S, Herrmann DN, Blake J, Sowden JE, Acsadi G, Rodriguez ML, Menezes MP, Clarke NF, Auer Grumbach M, Bullock SL, Muntoni F, Reilly MM, North KN. Phenotypic and molecular insights into spinal muscular atrophy due to mutations in BICD2. *Brain*. 2015 Feb;138(Pt 2):293-310. doi: 10.1093/brain/awu356. Epub 2014 Dec 14. PubMed PMID: 25497877; PubMed Central PMCID: PMC4306822.

959: Kimmell KT, Jahromi BS. Clinical factors associated with venous thromboembolism risk in patients undergoing craniotomy. *J Neurosurg*. 2015 May;122(5):1004-11. doi: 10.3171/2014.10.JNS14632. Epub 2014 Dec 12. PubMed PMID: 25495743.

960: Bainbridge MN, Armstrong GN, Gramatges MM, Bertuch AA, Jhangiani SN, Doddapaneni H, Lewis L, Tombrello J, Tsavachidis S, Liu Y, Jalali A, Plon SE, Lau CC, Parsons DW, Claus EB, Barnholtz-Sloan J, Il'yasova D, Schildkraut J, Ali-Osman F, Sadetzki S, Johansen C, Houlston RS, Jenkins RB, Lachance D, Olson SH, Bernstein JL, Merrell RT, Wrensch MR, Walsh KM, Davis FG, Lai R, Shete S, Aldape K, Amos CI, Thompson PA, Muzny DM, Gibbs RA, Melin BS, Bondy ML; Gliogene Consortium. Germline mutations in shelterin complex genes are associated with familial glioma. *J Natl Cancer Inst*. 2014 Dec 7;107(1):384. doi: 10.1093/jnci/dju384. Print 2015 Jan. PubMed PMID: 25482530; PubMed Central PMCID: PMC4296199.

961: Cesmebasi A, Gabriel A, Niku D, Bukala K, Donnelly J, Fields PJ, Tubbs RS, Loukas M. Pediatric head and neck tumors: an intra-demographic analysis using the SEER* database. *Med Sci Monit*. 2014 Dec 4;20:2536-42. doi: 10.12659/MSM.891052. PubMed PMID: 25473782; PubMed Central PMCID: PMC4266203.

962: Iliff JJ, Chen MJ, Plog BA, Zeppenfeld DM, Soltero M, Yang L, Singh I, Deane R, Nedergaard M. Impairment of glymphatic pathway function promotes tau pathology after traumatic brain injury. *J Neurosci*. 2014 Dec 3;34(49):16180-93. doi: 10.1523/JNEUROSCI.3020-14.2014. PubMed PMID: 25471560; PubMed Central PMCID: PMC4252540.

963: Luo TD, Ashraf A, Dahm DL, Stuart MJ, McIntosh AL. Femoral nerve block is associated with persistent strength deficits at 6 months after anterior cruciate ligament reconstruction in pediatric and adolescent patients. *Am J Sports Med*. 2015 Feb;43(2):331-6. doi: 10.1177/0363546514559823. Epub 2014 Dec 2. PubMed PMID: 25466410.

964: Capek S, Amrami KK, Howe BM, Salomao DR, Dyck PJ, Spinner RJ. Perineural spread of squamous cell carcinoma: from skin to skin through the brachial plexus. *Clin Neurol Neurosurg*. 2015 Jan;128:90-3. doi: 10.1016/j.clineuro.2014.11.004. Epub 2014 Nov 15. PubMed PMID: 25462103.

- 965: Van Gompel JJ, Link MJ, Sheehan JP, Xu Z, Mathieu D, Kano H, Lunsford LD. Radiosurgery is an Effective Treatment for Recurrent Esthesioneuroblastoma: A Multicenter Study. *J Neurol Surg B Skull Base.* 2014 Dec;75(6):409-14. doi: 10.1055/s-0034-1378151. Epub 2014 Jun 4. PubMed PMID: 25452899; PubMed Central PMCID: PMC4240756.
- 966: Kaushik AP, Hammert WC. Options for digital nerve gap. *J Hand Surg Am.* 2015 Jan;40(1):141-4. doi: 10.1016/j.jhsa.2014.09.022. Epub 2014 Oct 22. Review. PubMed PMID: 25446411.
- 967: Zhang JG, Ge Y, Stead M, Zhang K, Yan SS, Hu W, Meng FG. Long-term outcome of globus pallidus internus deep brain stimulation in patients with Tourette syndrome. *Mayo Clin Proc.* 2014 Nov;89(11):1506-14. doi: 10.1016/j.mayocp.2014.05.019. Epub 2014 Nov 3. PubMed PMID: 25444487.
- 968: Mangona VS, Aneese AM, Marina O, Hymas RV, Ionascu D, Robertson JM, Gallardo LJ, Grills IS. Toxicity after central versus peripheral lung stereotactic body radiation therapy: a propensity score matched-pair analysis. *Int J Radiat Oncol Biol Phys.* 2015 Jan 1;91(1):124-32. doi: 10.1016/j.ijrobp.2014.08.345. Epub 2014 Oct 18. PubMed PMID: 25442337.
- 969: Hu YC, Yan LF, Wu L, Du P, Chen BY, Wang L, Wang SM, Han Y, Tian Q, Yu Y, Xu TY, Wang W, Cui GB. Intravoxel incoherent motion diffusion-weighted MR imaging of gliomas: efficacy in preoperative grading. *Sci Rep.* 2014 Dec 1;4:7208. doi: 10.1038/srep07208. PubMed PMID: 25434593; PubMed Central PMCID: PMC4248278.
- 970: Mac Nair CE, Fernandes KA, Schlamp CL, Libby RT, Nickells RW. Tumor necrosis factor alpha has an early protective effect on retinal ganglion cells after optic nerve crush. *J Neuroinflammation.* 2014 Nov 19;11:194. doi: 10.1186/s12974-014-0194-3. PubMed PMID: 25407441; PubMed Central PMCID: PMC4245774.
- 971: Webster LR, Markman J. Medical management of chronic low back pain: efficacy and outcomes. *Neuromodulation.* 2014 Oct;17 Suppl 2:18-23. doi: 10.1111/j.1525-1403.2012.00496.x. Review. PubMed PMID: 25395113.
- 972: Cesmebasi A, Yadav A, Gielecki J, Tubbs RS, Loukas M. Genitofemoral neuralgia: a review. *Clin Anat.* 2015 Jan;28(1):128-35. doi: 10.1002/ca.22481. Epub 2014 Nov 5. Review. PubMed PMID: 25377757.
- 973: Abu Dabrh AM, Mohammed K, Asi N, Farah WH, Wang Z, Farah MH, Prokop LJ, Katzenelson L, Murad MH. Surgical interventions and medical treatments in treatment-naïve patients with acromegaly: systematic review and meta-analysis. *J Clin Endocrinol Metab.* 2014 Nov;99(11):4003-14. doi: 10.1210/jc.2014-2900. Epub 2014 Oct 30. Review. Erratum in: *J Clin Endocrinol Metab.* 2015 Jan;100(1):317. PubMed PMID: 25356809; PubMed Central PMCID: PMC5393500.
- 974: Kallmes DF, Hanel R, Lopes D, Boccardi E, Bonafé A, Cekirge S, Fiorella D, Jabbour P, Levy E, McDougall C, Siddiqui A, Szikora I, Woo H, Albuquerque F, Bozorgchami H, Dashti SR, Delgado Almandoz JE, Kelly ME, Turner R 4th, Woodward BK, Brinjikji W, Lanzino G, Lylyk P. International retrospective study of the pipeline embolization device: a multicenter aneurysm treatment study. *AJNR Am J Neuroradiol.* 2015 Jan;36(1):108-15. doi: 10.3174/ajnr.A4111. Epub 2014 Oct 29. Erratum in: *AJNR Am J Neuroradiol.* 2015 May;36(5):E39-40. PubMed PMID: 25355814.
- 975: Chung B, Mut F, Kadirvel R, Lingineni R, Kallmes DF, Cebral JR. Hemodynamic analysis of fast and slow aneurysm occlusions by flow diversion in rabbits. *J Neurointerv Surg.* 2015 Dec;7(12):931-5. doi: 10.1136/neurintsurg-2014-011412. Epub 2014 Oct 20. PubMed PMID: 25332410; PubMed Central PMCID: PMC4932851.

976: Manciu FS, Manciu M, Durrer WG, Salazar JG, Lee KH, Bennet KE. A Drude model analysis of conductivity and free carriers in boron-doped diamond films and investigations of their internal stress and strain. *J Mater Sci.* 2014 Aug 1;49(16):5782-5789. PubMed PMID: 25328245; PubMed Central PMCID: PMC4199101.

977: Smith DI, Jones C, Morris GK, Kralovic S, Massey HT, Sifain A. Trial ultrasound-guided continuous left stellate ganglion blockade before surgical gangliolysis in a patient with a left ventricular assist device and intractable ventricular tachycardia: a pain control application to a complex hemodynamic condition. *ASAIO J.* 2015 Jan-Feb;61(1):104-6. doi: 10.1097/MAT.0000000000000163. PubMed PMID: 25303796.

978: Navarrete E, Del Prato P, Peressotti F, Mahon BZ. Lexical Retrieval is not by Competition: Evidence from the Blocked Naming Paradigm. *J Mem Lang.* 2014 Oct;76:253-272. PubMed PMID: 25284954; PubMed Central PMCID: PMC4179210.

979: Carlson ML, Tveiten ØV, Driscoll CL, Neff BA, Shepard NT, Eggers SD, Staab JP, Tombers NM, Goplen FK, Lund-Johansen M, Link MJ. Long-term dizziness handicap in patients with vestibular schwannoma: a multicenter cross-sectional study. *Otolaryngol Head Neck Surg.* 2014 Dec;151(6):1028-37. doi: 10.1177/0194599814551132. Epub 2014 Oct 1. PubMed PMID: 25273693.

980: Frisoni GB, Jack CR Jr, Bocchetta M, Bauer C, Frederiksen KS, Liu Y, Preboske G, Swihart T, Blair M, Cavedo E, Grothe MJ, Lanfredi M, Martinez O, Nishikawa M, Portegies M, Stoub T, Ward C, Apostolova LG, Ganzola R, Wolf D, Barkhof F, Bartzokis G, DeCarli C, Csernansky JG, deToledo-Morrell L, Geerlings MI, Kaye J, Killiany RJ, Lehéricy S, Matsuda H, O'Brien J, Silbert LC, Scheltens P, Soininen H, Teipel S, Waldemar G, Fellgiebel A, Barnes J, Firbank M, Gerritsen L, Henneman W, Malykhin N, Pruessner JC, Wang L, Watson C, Wolf H, deLeon M, Pantel J, Ferrari C, Bosco P, Pasqualetti P, Duchesne S, Duvernoy H, Boccardi M; EADC-ADNI Working Group on The Harmonized Protocol for Manual Hippocampal Volumetry and for the Alzheimer's Disease Neuroimaging Initiative. The EADC-ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: evidence of validity. *Alzheimers Dement.* 2015 Feb;11(2):111-25. doi: 10.1016/j.jalz.2014.05.1756. Epub 2014 Sep 27. PubMed PMID: 25267715; PubMed Central PMCID: PMC4422168.

981: Loukas M, Patel S, Cesmebasi A, Muresian H, Tubbs RS, Spicer D, Dabrowski M. The clinical anatomy of the conal artery. *Clin Anat.* 2016 Apr;29(3):371-9. doi: 10.1002/ca.22469. Epub 2014 Sep 25. PubMed PMID: 25255889.

982: Smith TR, Habib A, Rosenow JM, Nahed BV, Babu MA, Cybulski G, Fessler R, Batjer HH, Heary RF. Defensive medicine in neurosurgery: does state-level liability risk matter? *Neurosurgery.* 2015 Feb;76(2):105-13; discussion 113-4. doi: 10.1227/NEU.0000000000000576. PubMed PMID: 25255258.

983: Thrane AS, Rangroo Thrane V, Nedergaard M. Drowning stars: reassessing the role of astrocytes in brain edema. *Trends Neurosci.* 2014 Nov;37(11):620-8. doi: 10.1016/j.tins.2014.08.010. Epub 2014 Sep 15. Review. PubMed PMID: 25236348; PubMed Central PMCID: PMC4253572.

984: Petraglia AL, Dashnow ML, Turner RC, Bailes JE. Models of mild traumatic brain injury: translation of physiological and anatomic injury. *Neurosurgery.* 2014 Oct;75 Suppl 4:S34-49. doi: 10.1227/NEU.000000000000472. Review. PubMed PMID: 25232883.

985: Colombo EV, Howe BM, Amrami KK, Spinner RJ. Elaborating upon the descent phase of fibular and tibial intraneuronal ganglion cysts after cross-over in the sciatic nerve. *Clin Anat.* 2014 Nov;27(8):1133-6. doi: 10.1002/ca.22466. Epub 2014 Sep 16. PubMed PMID: 25227728.

986: Xavier AL, Menezes JR, Goldman SA, Nedergaard M. Fine-tuning the central nervous system:

microglial modelling of cells and synapses. *Philos Trans R Soc Lond B Biol Sci.* 2014 Oct 19;369(1654):20130593. doi: 10.1098/rstb.2013.0593. Review. PubMed PMID: 25225087; PubMed Central PMCID: PMC4173279.

987: Wojton J, Meisen WH, Jacob NK, Thorne AH, Hardcastle J, Denton N, Chu Z, Dmitrieva N, Marsh R, Van Meir EG, Kwon CH, Chakravarti A, Qi X, Kaur B. SapC-DOPS-induced lysosomal cell death synergizes with TMZ in glioblastoma. *Oncotarget.* 2014 Oct 30;5(20):9703-9. PubMed PMID: 25210852; PubMed Central PMCID: PMC4259431.

988: McDonald RJ, McDonald JS, Carter RE, Hartman RP, Katzberg RW, Kallmes DF, Williamson EE. Intravenous contrast material exposure is not an independent risk factor for dialysis or mortality. *Radiology.* 2014 Dec;273(3):714-25. doi: 10.1148/radiol.14132418. Epub 2014 Sep 9. PubMed PMID: 25203000.

989: Han CL, Hu W, Stead M, Zhang T, Zhang JG, Worrell GA, Meng FG. Electrical stimulation of hippocampus for the treatment of refractory temporal lobe epilepsy. *Brain Res Bull.* 2014 Oct;109:13-21. doi: 10.1016/j.brainresbull.2014.08.007. Epub 2014 Sep 6. Review. PubMed PMID: 25200252.

990: Meng Y, Chopp M, Zhang Y, Liu Z, An A, Mahmood A, Xiong Y. Subacute intranasal administration of tissue plasminogen activator promotes neuroplasticity and improves functional recovery following traumatic brain injury in rats. *PLoS One.* 2014 Sep 3;9(9):e106238. doi: 10.1371/journal.pone.0106238. eCollection 2014. PubMed PMID: 25184365; PubMed Central PMCID: PMC4153585.

991: Ikramuddin S, Blackstone RP, Brancatisano A, Toouli J, Shah SN, Wolfe BM, Fujioka K, Maher JW, Swain J, Que FG, Morton JM, Leslie DB, Brancatisano R, Kow L, O'Rourke RW, Deveney C, Takata M, Miller CJ, Knudson MB, Tweden KS, Shikora SA, Sarr MG, Billington CJ. Effect of reversible intermittent intra-abdominal vagal nerve blockade on morbid obesity: the ReCharge randomized clinical trial. *JAMA.* 2014 Sep 3;312(9):915-22. doi: 10.1001/jama.2014.10540. Erratum in: *JAMA.* 2015 Jan 6;313(1):95. PubMed PMID: 25182100.

992: Nguyen PL, Aizer A, Assimos DG, D'Amico AV, Frank SJ, Gottschalk AR, Gustafson GS, Hsu IC, McLaughlin PW, Merrick G, Rosenthal SA, Showalter TN, Taira AV, Vapiwala N, Yamada Y, Davis BJ; American College of Radiology, Expert Panel on Radiation OncologyProstate. ACR Appropriateness Criteria® Definitive External-Beam Irradiation in stage T1 and T2 prostate cancer. *Am J Clin Oncol.* 2014 Jun;37(3):278-88. doi: 10.1097/COC.0000000000000049. Review. PubMed PMID: 25180754.

993: Kim HJ, Lenke LG, Oshima Y, Chuntarapas T, Mesfin A, Hershman S, Fogelson JL, Riew KD. Cervical Lordosis Actually Increases With Aging and Progressive Degeneration in Spinal Deformity Patients. *Spine Deform.* 2014 Sep;2(5):410-414. doi: 10.1016/j.jspd.2014.05.007. Epub 2014 Aug 27. PubMed PMID: 27927341.

994: Haber LL, Hughes JD, Womack ED, Roberson RM, Wright PB. Screw Versus Hybrid Constructs for Flexible Thoracic Curves in Adolescent Idiopathic Scoliosis: A Prospective, Randomized Study. *Spine Deform.* 2014 Sep;2(5):367-373. doi: 10.1016/j.jspd.2014.05.005. Epub 2014 Aug 27. PubMed PMID: 27927334.

995: Vitale MG, Skaggs DL, Pace GI, Wright ML, Matsumoto H, Anderson RC, Brockmeyer DL, Dormans JP, Emans JB, Erickson MA, Flynn JM, Glotzbecker MP, Ibrahim KN, Lewis SJ, Luhmann SJ, Mendiratta A, Richards BS 3rd, Sanders JO, Shah SA, Smith JT, Song KM, Sponseller PD, Sucato DJ, Roye DP, Lenke LG. Best Practices in Intraoperative Neuromonitoring in Spine Deformity Surgery: Development of an

Intraoperative Checklist to Optimize Response. *Spine Deform.* 2014 Sep;2(5):333-339. doi: 10.1016/j.jspd.2014.05.003. Epub 2014 Aug 27. PubMed PMID: 27927330.

996: Lin WY, Camp NJ, Ghoussaini M, Beesley J, Michailidou K, Hopper JL, Apicella C, Southey MC, Stone J, Schmidt MK, Broeks A, Van't Veer LJ, Th Rutgers EJ, Muir K, Lophatananon A, Stewart-Brown S, Siriwanarangsang P, Fasching PA, Haeberle L, Ekici AB, Beckmann MW, Peto J, Dos-Santos-Silva I, Fletcher O, Johnson N, Bolla MK, Wang Q, Dennis J, Sawyer EJ, Cheng T, Tomlinson I, Kerin MJ, Miller N, Marmé F, Surowy HM, Burwinkel B, Guénel P, Truong T, Menegaux F, Mulot C, Bojesen SE, Nordestgaard BG, Nielsen SF, Flyger H, Benitez J, Zamora MP, Arias Perez JI, Menéndez P, González-Neira A, Pita G, Alonso MR, Alvarez N, Herrero D, Anton-Culver H, Brenner H, Dieffenbach AK, Arndt V, Stegmaier C, Meindl A, Lichtner P, Schmutzler RK, Müller-Myhsok B, Brauch H, Brüning T, Ko YD; GENICA Network, Tessier DC, Vincent D, Bacot F, Nevanlinna H, Aittomäki K, Blomqvist C, Khan S, Matsuo K, Ito H, Iwata H, Horio A, Bogdanova NV, Antonenkova NN, Dörk T, Lindblom A, Margolin S, Mannermaa A, Kataja V, Kosma VM, Hartikainen JM; kConFab Investigators; Australian Ovarian Cancer Study Group, Wu AH, Tseng CC, Van Den Berg D, Stram DO, Neven P, Wauters E, Wildiers H, Lambrechts D, Chang-Claude J, Rudolph A, Seibold P, Flesch-Janys D, Radice P, Peterlongo P, Manoukian S, Bonanni B, Couch FJ, Wang X, Vachon C, Purrington K, Giles GG, Milne RL, Mclean C, Haiman CA, Henderson BE, Schumacher F, Le Marchand L, Simard J, Goldberg MS, Labrèche F, Dumont M, Teo SH, Yip CH, Hassan N, Vithana EN, Kristensen V, Zheng W, Deming-Halverson S, Shrubsole MJ, Long J, Winqvist R, Pylkäs K, Jukkola-Vuorinen A, Kauppila S, Andrusis IL, Knight JA, Glendon G, Tchatchou S, Devilee P, Tollenaar RA, Seynaeve C, Van Asperen CJ, García-Closas M, Figueroa J, Lissowska J, Brinton L, Czene K, Darabi H, Eriksson M, Brand JS, Hooning MJ, Hollestelle A, Van Den Ouweleen AM, Jager A, Li J, Liu J, Humphreys K, Shu XO, Lu W, Gao YT, Cai H, Cross SS, Reed MW, Blot W, Signorello LB, Cai Q, Pharoah PD, Perkins B, Shah M, Blows FM, Kang D, Yoo KY, Noh DY, Hartman M, Miao H, Chia KS, Putti TC, Hamann U, Luccarini C, Baynes C, Ahmed S, Maranian M, Healey CS, Jakubowska A, Lubinski J, Jaworska-Bieniek K, Durda K, Sangrajrang S, Gaborieau V, Brennan P, Mckay J, Slager S, Toland AE, Yannoukakos D, Shen CY, Hsiung CN, Wu PE, Ding SL, Ashworth A, Jones M, Orr N, Swerdlow AJ, Tsimiklis H, Makalic E, Schmidt DF, Bui QM, Chanock SJ, Hunter DJ, Hein R, Dahmen N, Beckmann L, Aaltonen K, Muranen TA, Heikkinen T, Irwanto A, Rahman N, Turnbull CA; Breast and Ovarian Cancer Susceptibility (BOCS) Study, Waisfisz Q, Meijers-Heijboer HE, Adank MA, Van Der Luijt RB, Hall P, Chenevix-Trench G, Dunning A, Easton DF, Cox A. Identification and characterization of novel associations in the CASP8/ALS2CR12 region on chromosome 2 with breast cancer risk. *Hum Mol Genet.* 2015 Jan 1;24(1):285-98. doi: 10.1093/hmg/ddu431. Epub 2014 Aug 28. PubMed PMID: 25168388; PubMed Central PMCID: PMC4334820.

997: Kimmell KT, Walter KA. Risk factors for venous thromboembolism in patients undergoing craniotomy for neoplastic disease. *J Neurooncol.* 2014 Dec;120(3):567-73. doi: 10.1007/s11060-014-1587-y. Epub 2014 Aug 23. PubMed PMID: 25149164.

998: Salama JK, Milano MT. Radical irradiation of extracranial oligometastases. *J Clin Oncol.* 2014 Sep 10;32(26):2902-12. doi: 10.1200/JCO.2014.55.9567. Epub 2014 Aug 11. Review. PubMed PMID: 25113765; PubMed Central PMCID: PMC4152719.

999: Oldenburg MS, Carlson ML, Van Abel KM, Giannini C, Jacob J, Rivas A, Driscoll CL, Link MJ. Cavernous hemangiomas of the internal auditory canal and cerebellopontine angle. *Otol Neurotol.* 2015 Jan;36(1):e30-4. doi: 10.1097/MAO.0000000000000519. PubMed PMID: 25105799.

1000: Kimmell KT, Petraglia AL, Bakos R, Rodenhouse T, Maurer PK, Pilcher WH. The history of neurosurgery at the University of Rochester. *J Neurosurg.* 2014 Oct;121(4):989-94. doi: 10.3171/2014.7.JNS132658. Epub 2014 Aug 8. PubMed PMID: 25105700.

- 1001: Capek S, Sullivan PS, Howe BM, Smyrk TC, Amrami KK, Spinner RJ, Dozois EJ. Recurrent rectal cancer causing lumbosacral plexopathy with perineural spread to the spinal nerves and the sciatic nerve: an anatomic explanation. *Clin Anat.* 2015 Jan;28(1):136-43. doi: 10.1002/ca.22450. Epub 2014 Aug 5. PubMed PMID: 25090969.
- 1002: Liu Y, Carson-Walter E, Walter KA. Chemokine receptor CXCR7 is a functional receptor for CXCL12 in brain endothelial cells. *PLoS One.* 2014 Aug 1;9(8):e103938. doi: 10.1371/journal.pone.0103938. eCollection 2014. PubMed PMID: 25084358; PubMed Central PMCID: PMC4118981.
- 1003: Finkel RS, McDermott MP, Kaufmann P, Darras BT, Chung WK, Sproule DM, Kang PB, Foley AR, Yang ML, Martens WB, Oskoui M, Glanzman AM, Flickinger J, Montes J, Dunaway S, O'Hagen J, Quigley J, Riley S, Benton M, Ryan PA, Montgomery M, Marra J, Gooch C, De Vivo DC. Observational study of spinal muscular atrophy type I and implications for clinical trials. *Neurology.* 2014 Aug 26;83(9):810-7. doi: 10.1212/WNL.0000000000000741. Epub 2014 Jul 30. PubMed PMID: 25080519; PubMed Central PMCID: PMC4155049.
- 1004: Franklin GM, Markman J. Spinal pain: When is it time for an intervention? *Neurol Clin Pract.* 2014 Aug;4(4):277-279. doi: 10.1212/CPJ.0000000000000042. PubMed PMID: 29473579; PubMed Central PMCID: PMC5764525.
- 1005: Cotrina ML, Chen M, Han X, Iliff J, Ren Z, Sun W, Hagemann T, Goldman J, Messing A, Nedergaard M. Effects of traumatic brain injury on reactive astrogliosis and seizures in mouse models of Alexander disease. *Brain Res.* 2014 Sep 25;1582:211-9. doi: 10.1016/j.brainres.2014.07.029. Epub 2014 Jul 25. PubMed PMID: 25069089; PubMed Central PMCID: PMC4164594.
- 1006: Chim H, Moran SL. Wrist essentials: the diagnosis and management of scapholunate ligament injuries. *Plast Reconstr Surg.* 2014 Aug;134(2):312e-322e. doi: 10.1097/PRS.0000000000000423. Review. PubMed PMID: 25068352.
- 1007: Stasenko A, Garcea FE, Dombovy M, Mahon BZ. When concepts lose their color: a case of object-color knowledge impairment. *Cortex.* 2014 Sep;58:217-38. doi: 10.1016/j.cortex.2014.05.013. Epub 2014 Jun 21. PubMed PMID: 25058612; PubMed Central PMCID: PMC4135534.
- 1008: Adler AC, Smith DI, Parikh PM. Chronic pain localized to the iliohypogastric nerve: treatment using an ultrasound-guided technique of hydrodissection for catheter placement as a guide for surgical iliohypogastric nerve resection. *Plast Reconstr Surg.* 2014 Jul;134(1):182e-183e. doi: 10.1097/PRS.0000000000000262. PubMed PMID: 25028849.
- 1009: Wang Z, Zhu B, Zhang M, Parikh H, Jia J, Chung CC, Sampson JN, Hoskins JW, Hutchinson A, Burdette L, Ibrahim A, Hautman C, Raj PS, Abnet CC, Adjei AA, Ahlbom A, Albanes D, Allen NE, Ambrosone CB, Aldrich M, Amiano P, Amos C, Andersson U, Andriole G Jr, Andrulis IL, Arici C, Arslan AA, Austin MA, Baris D, Barkauskas DA, Bassig BA, Beane Freeman LE, Berg CD, Berndt SI, Bertazzi PA, Biritwum RB, Black A, Blot W, Boeing H, Boffetta P, Bolton K, Boutron-Ruault MC, Bracci PM, Brennan P, Brinton LA, Brotzman M, Bueno-de-Mesquita HB, Buring JE, Butler MA, Cai Q, Cancel-Tassin G, Canzian F, Cao G, Caporaso NE, Carrato A, Carreon T, Carta A, Chang GC, Chang IS, Chang-Claude J, Che X, Chen CJ, Chen CY, Chen CH, Chen C, Chen KY, Chen YM, Chokkalingam AP, Chu LW, Clavel-Chapelon F, Colditz GA, Colt JS, Conti D, Cook MB, Cortessis VK, Crawford ED, Cussenot O, Davis FG, De Vivo I, Deng X, Ding T, Dinney CP, Di Stefano AL, Diver WR, Duell EJ, Elena JW, Fan JH, Feigelson HS, Feychtung M, Figueroa JD, Flanagan AM, Fraumeni JF Jr, Freedman ND, Fridley BL, Fuchs CS, Gago-Dominguez M, Gallinger S, Gao YT, Gapstur SM, Garcia-Closas M, Garcia-Closas R, Gastier-Foster JM, Gaziano JM, Gerhard DS, Giffen CA, Giles GG, Gillanders EM, Giovannucci EL, Goggins M, Gokgoz N,

Goldstein AM, Gonzalez C, Gorlick R, Greene MH, Gross M, Grossman HB, Grubb R 3rd, Gu J, Guan P, Haiman CA, Hallmans G, Hankinson SE, Harris CC, Hartge P, Hattinger C, Hayes RB, He Q, Helman L, Henderson BE, Henriksson R, Hoffman-Bolton J, Hohensee C, Holly EA, Hong YC, Hoover RN, Hosgood HD 3rd, Hsiao CF, Hsing AW, Hsiung CA, Hu N, Hu W, Hu Z, Huang MS, Hunter DJ, Inskip PD, Ito H, Jacobs EJ, Jacobs KB, Jenab M, Ji BT, Johansen C, Johansson M, Johnson A, Kaaks R, Kamat AM, Kamineni A, Karagas M, Khanna C, Khaw KT, Kim C, Kim IS, Kim JH, Kim YH, Kim YC, Kim YT, Kang CH, Jung YJ, Kitahara CM, Klein AP, Klein R, Kogevinas M, Koh WP, Kohno T, Kolonel LN, Kooperberg C, Kratz CP, Krogh V, Kunitoh H, Kurtz RC, Kurucu N, Lan Q, Lathrop M, Lau CC, Lecanda F, Lee KM, Lee MP, Le Marchand L, Lerner SP, Li D, Liao LM, Lim WY, Lin D, Lin J, Lindstrom S, Linet MS, Lissowska J, Liu J, Ljungberg B, Lloreta J, Lu D, Ma J, Malats N, Mannisto S, Marina N, Mastrangelo G, Matsuo K, McGlynn KA, McKean-Cowdin R, McNeill LH, McWilliams RR, Melin BS, Meltzer PS, Mensah JE, Miao X, Michaud DS, Mondul AM, Moore LE, Muir K, Niwa S, Olson SH, Orr N, Panico S, Park JY, Patel AV, Patino-Garcia A, Pavanello S, Peeters PH, Peplonska B, Peters U, Petersen GM, Picci P, Pike MC, Porru S, Prescott J, Pu X, Purdue MP, Qiao YL, Rajaraman P, Riboli E, Risch HA, Rodabough RJ, Rothman N, Ruder AM, Ryu JS, Sanson M, Schned A, Schumacher FR, Schwartz AG, Schwartz KL, Schwenn M, Scotlandi K, Seow A, Serra C, Serra M, Sesso HD, Severi G, Shen H, Shen M, Shete S, Shiraishi K, Shu XO, Siddiq A, Sierrasesumaga L, Sierri S, Loon Sihoe AD, Silverman DT, Simon M, Southey MC, Spector L, Spitz M, Stampfer M, Stattin P, Stern MC, Stevens VL, Stolzenberg-Solomon RZ, Stram DO, Strom SS, Su WC, Sund M, Sung SW, Swerdlow A, Tan W, Tanaka H, Tang W, Tang ZZ, Tardon A, Tay E, Taylor PR, Tettey Y, Thomas DM, Tirabosco R, Tjonneland A, Tobias GS, Toro JR, Travis RC, Trichopoulos D, Troisi R, Truelove A, Tsai YH, Tucker MA, Tumino R, Van Den Berg D, Van Den Eeden SK, Vermeulen R, Vineis P, Visvanathan K, Vogel U, Wang C, Wang C, Wang J, Wang SS, Weiderpass E, Weinstein SJ, Wentzensen N, Wheeler W, White E, Wiencke JK, Wolk A, Wolpin BM, Wong MP, Wrensch M, Wu C, Wu T, Wu X, Wu YL, Wunder JS, Xiang YB, Xu J, Yang HP, Yang PC, Yatabe Y, Ye Y, Yeboah ED, Yin Z, Ying C, Yu CJ, Yu K, Yuan JM, Zanetti KA, Zeleniuch-Jacquotte A, Zheng W, Zhou B, Mirabello L, Savage SA, Kraft P, Chanock SJ, Yeager M, Landi MT, Shi J, Chatterjee N, Amundadottir LT. Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. *Hum Mol Genet.* 2014 Dec 15;23(24):6616-33. doi: 10.1093/hmg/ddu363. Epub 2014 Jul 15. PubMed PMID: 25027329; PubMed Central PMCID: PMC4240198.

1010: Plog BA, Pierre CA, Srinivasan V, Srinivasan K, Petraglia AL, Huang JH. Neurologic injury in snowmobiling. *Surg Neurol Int.* 2014 Jun 6;5:87. doi: 10.4103/2152-7806.134074. eCollection 2014. PubMed PMID: 25024887; PubMed Central PMCID: PMC4093746.

1011: Brinjikji W, El-Sayed AM, Kallmes DF, Lanzino G, Cloft HJ. Racial and insurance based disparities in the treatment of carotid artery stenosis: a study of the Nationwide Inpatient Sample. *J Neurointerv Surg.* 2015 Sep;7(9):695-702. doi: 10.1136/neurintsurg-2014-011294. Epub 2014 Jul 11. PubMed PMID: 25015114.

1012: Gu CN, Brinjikji W, El-Sayed AM, Cloft H, McDonald JS, Kallmes DF. Racial and health insurance disparities of inpatient spine augmentation for osteoporotic vertebral fractures from 2005 to 2010. *AJR Am J Neuroradiol.* 2014 Dec;35(12):2397-402. doi: 10.3174/ajnr.A4044. Epub 2014 Jul 10. PubMed PMID: 25012671.

1013: Johnson MD, Reeder JE, O'Connell M, Woodford M, Walter K. CIP2A and PP2A in human leptomeninges, arachnoid granulations and meningiomas. *J Clin Neurosci.* 2014 Dec;21(12):2228-32. doi: 10.1016/j.jocn.2014.05.019. Epub 2014 Jul 8. PubMed PMID: 25012485.

1014: Bates JE, Peterson CR 3rd, Yeaney GA, Walter KA, Lundquist T, Rosenzweig D, Milano MT. Spinal drop metastasis in myxopapillary ependymoma: a case report and a review of treatment options. *Rare Tumors.* 2014 Jun 16;6(2):5404. doi: 10.4081/rt.2014.5404. eCollection 2014 May 13. PubMed

PMID: 25002955; PubMed Central PMCID: PMC4083675.

1015: Petzold A, Wattjes MP, Costello F, Flores-Rivera J, Fraser CL, Fujihara K, Leavitt J, Malignier R, Paul F, Schippling S, Sindic C, Villoslada P, Weinshenker B, Plant GT. The investigation of acute optic neuritis: a review and proposed protocol. *Nat Rev Neurol.* 2014 Aug;10(8):447-58. doi: 10.1038/nrneurol.2014.108. Epub 2014 Jul 8. Review. Erratum in: *Nat Rev Neurol.* 2014 Aug;10(8):i. PubMed PMID: 25002105.

1016: Kushwaha D, Ramakrishnan V, Ng K, Steed T, Nguyen T, Futalan D, Akers JC, Sarkaria J, Jiang T, Chowdhury D, Carter BS, Chen CC. A genome-wide MicroRNA screen revealed miR-603 as a MGMT-regulating MicroRNA in glioblastomas. *Oncotarget.* 2014 Jun 30;5(12):4026-39. PubMed PMID: 24994119; PubMed Central PMCID: PMC4147303.

1017: Yoon JW, Siddiqui AH, Dumont TM, Levy EI, Hopkins LN, Lanzino G, Lopes DK, Moftakhar R, Billingsley JT, Welch BG, Boulos AS, Yamamoto J, Tawk RG, Ringer AJ, Hanel RA; Endovascular Neurosurgery Research Group. Feasibility and safety of pipeline embolization device in patients with ruptured carotid blister aneurysms. *Neurosurgery.* 2014 Oct;75(4):419-29; discussion 429. doi: 10.1227/NEU.0000000000000487. PubMed PMID: 24991709.

1018: Martin DK, Uckermann O, Bertram A, Liebner C, Hendruschik S, Sitoci-Ficici KH, Schackert G, Lord EM, Temme A, Kirsch M. Differential growth inhibition of cerebral metastases by anti-angiogenic compounds. *Anticancer Res.* 2014 Jul;34(7):3293-302. PubMed PMID: 24982333; PubMed Central PMCID: PMC4388740.

1019: Capek S, Tubbs RS, Spinner RJ. Do cutaneous nerves cross the midline? *Clin Anat.* 2015 Jan;28(1):96-100. doi: 10.1002/ca.22427. Epub 2014 Jun 26. Review. PubMed PMID: 24976246.

1020: Chowdhry VK, Chowdhry AK, Goldman N, Scalzetti EM, Grage RA, Bogart JA. Complications from computed tomography-guided core needle biopsy for patients receiving stereotactic body radiation therapy for early-stage lesions of the lung. *Clin Lung Cancer.* 2014 Jul;15(4):302-6. doi: 10.1016/j.cllc.2014.04.001. Epub 2014 May 12. PubMed PMID: 24954230.

1021: Min HK, Ross EK, Lee KH, Dennis K, Han SR, Jeong JH, Marsh MP, Striemer B, Felmlee JP, Lujan JL, Goerss S, Duffy PS, Blaha C, Chang SY, Bennet KE. Subthalamic nucleus deep brain stimulation induces motor network BOLD activation: use of a high precision MRI guided stereotactic system for nonhuman primates. *Brain Stimul.* 2014 Jul-Aug;7(4):603-607. doi: 10.1016/j.brs.2014.04.007. Epub 2014 May 2. PubMed PMID: 24933029; PubMed Central PMCID: PMC4108508.

1022: Kim DH, Oh Y, Shin H, Blaha CD, Bennet KE, Lee KH, Kim IY, Jang DP. Investigation of the reduction process of dopamine using paired pulse voltammetry. *J Electroanal Chem (Lausanne).* 2014 Mar 15;717-718:157-164. PubMed PMID: 24926227; PubMed Central PMCID: PMC4048860.

1023: Štepán-Buksowska IL, Accurso JM, Diehn FE, Huston J, Kaufmann TJ, Luetmer PH, Wood CP, Yang X, Blezek DJ, Carter R, Hagen C, Hořínek D, Hejčl A, Roček M, Erickson BJ. Computer-aided diagnosis improves detection of small intracranial aneurysms on MRA in a clinical setting. *AJNR Am J Neuroradiol.* 2014 Oct;35(10):1897-902. doi: 10.3174/ajnr.A3996. Epub 2014 Jun 12. PubMed PMID: 24924543.

1024: Kucewicz MT, Cimbalnik J, Matsumoto JY, Brinkmann BH, Bower MR, Vasoli V, Sulc V, Meyer F, Marsh WR, Stead SM, Worrell GA. High frequency oscillations are associated with cognitive processing in human recognition memory. *Brain.* 2014 Aug;137(Pt 8):2231-44. doi: 10.1093/brain/awu149. Epub 2014 Jun 11. PubMed PMID: 24919972; PubMed Central PMCID: PMC4107742.

- 1025: Owen D, Iqbal F, Pollock BE, Link MJ, Stien K, Garces YI, Brown PD, Foote RL. Long-term follow-up of stereotactic radiosurgery for head and neck malignancies. *Head Neck.* 2015 Nov;37(11):1557-62. doi: 10.1002/hed.23798. Epub 2014 Aug 1. PubMed PMID: 24912475.
- 1026: Garcea FE, Mahon BZ. Parcellation of left parietal tool representations by functional connectivity. *Neuropsychologia.* 2014 Jul;60:131-43. doi: 10.1016/j.neuropsychologia.2014.05.018. Epub 2014 Jun 2. PubMed PMID: 24892224; PubMed Central PMCID: PMC4116796.
- 1027: Owen D, Laack NN, Mayo CS, Garces YI, Park SS, Bauer HJ, Nelson K, Miller RW, Brown PD, Olivier KR. Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases. *Pract Radiat Oncol.* 2014 Mar-Apr;4(2):e143-e149. doi: 10.1016/j.prro.2013.05.006. Epub 2013 Jun 29. PubMed PMID: 24890360; PubMed Central PMCID: PMC4364394.
- 1028: Sivakanthan S, Van Gompel JJ, Alikhani P, van Loveren H, Chen R, Agazzi S. Surgical management of trigeminal neuralgia: use and cost-effectiveness from an analysis of the Medicare Claims Database. *Neurosurgery.* 2014 Sep;75(3):220-6; discussion 225-6. doi: 10.1227/NEU.0000000000000430. PubMed PMID: 24871139.
- 1029: Jain M, Damania D, Jain AR, Kanthala AR, Ganti L, Jahromi BS. Does prolonged length of stay in the emergency department affect outcome for stroke patients? *West J Emerg Med.* 2014 May;15(3):267-75. doi: 10.5811/westjem.2013.8.16186. Epub 2014 Apr 15. PubMed PMID: 24868303; PubMed Central PMCID: PMC4025522.
- 1030: Kim SY, De Vries R, Parnami S, Wilson R, Kim HM, Frank S, Holloway RG, Kieburz K. Are therapeutic motivation and having one's own doctor as researcher sources of therapeutic misconception? *J Med Ethics.* 2015 May;41(5):391-7. doi: 10.1136/medethics-2013-101987. Epub 2014 May 22. PubMed PMID: 24855070; PubMed Central PMCID: PMC4241180.
- 1031: Henz BD, Friedman PA, Bruce CJ, Holmes DR, Bower M, Madhavan M, DeSimone CV, Wahnschaffe D, Berhow S, Danielsen AJ, Ladewig DJ, Mikell SB, Johnson SB, Suddendorf SH, Kara T, Worrell GA, Asirvatham SJ. Advances in radiofrequency ablation of the cerebral cortex in primates using the venous system: Improvements for treating epilepsy with catheter ablation technology. *Epilepsy Res.* 2014 Aug;108(6):1026-31. doi: 10.1016/j.eplepsyres.2014.04.002. Epub 2014 Apr 27. PubMed PMID: 24836846; PubMed Central PMCID: PMC4454459.
- 1032: Dayawansa S, Wang EW, Liu W, Markman JD, Gelbard HA, Huang JH. Allografted DRG neurons or Schwann cells affect functional recovery in a rodent model of sciatic nerve injury. *Neurol Res.* 2014 Nov;36(11):1020-1027. doi: 10.1179/1743132814Y.0000000386. Epub 2014 May 18. PubMed PMID: 24836462; PubMed Central PMCID: PMC4414033.
- 1033: Olin MR, Low W, McKenna DH, Haines SJ, Dahlheimer T, Nascene D, Gustafson MP, Dietz AB, Clark HB, Chen W, Blazar B, Ohlfest JR, Moertel C. Vaccination with dendritic cells loaded with allogeneic brain tumor cells for recurrent malignant brain tumors induces a CD4(+)IL17(+) response. *J Immunother Cancer.* 2014 Feb 18;2:4. doi: 10.1186/2051-1426-2-4. eCollection 2014. PubMed PMID: 24829761; PubMed Central PMCID: PMC4019901.
- 1034: Aviv RI, Kelly AG, Jahromi BS, Benesch CG, Young KC. The cost-utility of CT angiography and conventional angiography for people presenting with intracerebral hemorrhage. *PLoS One.* 2014 May 13;9(5):e96496. doi: 10.1371/journal.pone.0096496. eCollection 2014. PubMed PMID: 24824194; PubMed Central PMCID: PMC4019473.
- 1035: Puvenna V, Brennan C, Shaw G, Yang C, Marchi N, Bazarian JJ, Merchant-Borna K, Janigro D. Significance of ubiquitin carboxy-terminal hydrolase L1 elevations in athletes after sub-concussive

head hits. *PLoS One.* 2014 May 7;9(5):e96296. doi: 10.1371/journal.pone.0096296. eCollection 2014. PubMed PMID: 24806476; PubMed Central PMCID: PMC4012998.

1036: Burkholder DB, Sulc V, Hoffman EM, Cascino GD, Britton JW, So EL, Marsh WR, Meyer FB, Van Gompel JJ, Giannini C, Wass CT, Watson RE Jr, Worrell GA. Interictal scalp electroencephalography and intraoperative electrocorticography in magnetic resonance imaging-negative temporal lobe epilepsy surgery. *JAMA Neurol.* 2014 Jun;71(6):702-9. doi: 10.1001/jamaneurol.2014.585. PubMed PMID: 24781216; PubMed Central PMCID: PMC4183227.

1037: Etminan N, Dreier R, Buchholz BA, Beseoglu K, Bruckner P, Matzenauer C, Torner JC, Brown RD Jr, Steiger HJ, Hänggi D, Macdonald RL. Age of collagen in intracranial saccular aneurysms. *Stroke.* 2014 Jun;45(6):1757-63. doi: 10.1161/STROKEAHA.114.005461. Epub 2014 Apr 29. PubMed PMID: 24781080; PubMed Central PMCID: PMC4380291.

1038: Petraglia AL, Plog BA, Dayawansa S, Chen M, Dashnaw ML, Czerniecka K, Walker CT, Viterise T, Hyrien O, Iliff JJ, Deane R, Nedergaard M, Huang JH. The spectrum of neurobehavioral sequelae after repetitive mild traumatic brain injury: a novel mouse model of chronic traumatic encephalopathy. *J Neurotrauma.* 2014 Jul 1;31(13):1211-24. doi: 10.1089/neu.2013.3255. Epub 2014 Jun 12. PubMed PMID: 24766454; PubMed Central PMCID: PMC4082360.

1039: Liesemer K, Riva-Cambrin J, Bennett KS, Bratton SL, Tran H, Metzger RR, Bennett TD. Use of Rotterdam CT scores for mortality risk stratification in children with traumatic brain injury. *Pediatr Crit Care Med.* 2014 Jul;15(6):554-62. doi: 10.1097/PCC.0000000000000150. PubMed PMID: 24751786; PubMed Central PMCID: PMC4087067.

1040: Friedman DI, McDermott MP, Kieburz K, Kupersmith M, Stoutenburg A, Keltner JL, Feldon SE, Schron E, Corbett JJ, Wall M; NORDIC IIHTT Study Group. The idiopathic intracranial hypertension treatment trial: design considerations and methods. *J Neuroophthalmol.* 2014 Jun;34(2):107-17. doi: 10.1097/WNO.0000000000000114. PubMed PMID: 24739993.

1041: Fang B, Liang M, Yang G, Ye Y, Xu H, He X, Huang JH. Expression of S100A6 in rat hippocampus after traumatic brain injury due to lateral head acceleration. *Int J Mol Sci.* 2014 Apr 15;15(4):6378-90. doi: 10.3390/ijms15046378. PubMed PMID: 24739809; PubMed Central PMCID: PMC4013634.

1042: Frechette KM, Brown LC, Aubry MC, Wigle DA, Olivier KR. Pseudoprogression after stereotactic body radiotherapy. *J Thorac Oncol.* 2014 Apr;9(4):e29-30. doi: 10.1097/JTO.0000000000000067. PubMed PMID: 24736086.

1043: Plog BA, Moll KM, Kang H, Iliff JJ, Dashnaw ML, Nedergaard M, Vates GE. A novel technique for morphometric quantification of subarachnoid hemorrhage-induced microglia activation. *J Neurosci Methods.* 2014 May 30;229:44-52. doi: 10.1016/j.jneumeth.2014.04.001. Epub 2014 Apr 13. PubMed PMID: 24735531; PubMed Central PMCID: PMC4077584.

1044: Andersson U, Wibom C, Cederquist K, Aradottir S, Borg A, Armstrong GN, Shete S, Lau CC, Bainbridge MN, Claus EB, Barnholtz-Sloan J, Lai R, Il'yasova D, Houlston RS, Schildkraut J, Bernstein JL, Olson SH, Jenkins RB, Lachance DH, Wrensch M, Davis FG, Merrell R, Johansen C, Sadetzki S; Gliogene Consortium, Bondy ML, Melin BS. Germline rearrangements in families with strong family history of glioma and malignant melanoma, colon, and breast cancer. *Neuro Oncol.* 2014 Oct;16(10):1333-40. doi: 10.1093/neuonc/nou052. Epub 2014 Apr 9. PubMed PMID: 24723567; PubMed Central PMCID: PMC4165415.

1045: Cebral JR, Mut F, Raschi M, Hodis S, Ding YH, Erickson BJ, Kadirvel R, Kallmes DF. Analysis of hemodynamics and aneurysm occlusion after flow-diverting treatment in rabbit models. *AJNR Am J*

Neuroradiol. 2014 Aug;35(8):1567-73. doi: 10.3174/ajnr.A3913. Epub 2014 Apr 10. PubMed PMID: 24722302; PubMed Central PMCID: PMC4212815.

1046: Mesfin A, Lenke LG, Bridwell KH, Akhtar U, Jupitz JM, Fogelson JL, Hershman SH, Kim HJ, Koester LA. Does preoperative narcotic use adversely affect outcomes and complications after spinal deformity surgery? A comparison of nonnarcotic- with narcotic-using groups. Spine J. 2014 Dec 1;14(12):2819-25. doi: 10.1016/j.spinee.2014.03.049. Epub 2014 Apr 4. PubMed PMID: 24704676.

1047: Villarreal A, Markman J. Spanish translation and linguistic validation of the screener and opioid assessment for patients with pain-revised (SOAPP-R). Pain Med. 2014 May;15(5):876-7. doi: 10.1111/pme.12442. Epub 2014 Apr 7. PubMed PMID: 24703568.

1048: McDonald DA, Shi C, Shenkar R, Gallione CJ, Akers AL, Li S, De Castro N, Berg MJ, Corcoran DL, Awad IA, Marchuk DA. Lesions from patients with sporadic cerebral cavernous malformations harbor somatic mutations in the CCM genes: evidence for a common biochemical pathway for CCM pathogenesis. Hum Mol Genet. 2014 Aug 15;23(16):4357-70. doi: 10.1093/hmg/ddu153. Epub 2014 Apr 3. PubMed PMID: 24698976; PubMed Central PMCID: PMC4103679.

1049: Paek SB, Knight EJ, Chang SY, Lujan JL, Jang DP, Bennet KE, Lee KH. Dopamine measurement during prolonged deep brain stimulation: a proof-of-principle study of paired pulse voltammetry. Biomed Eng Lett. 2013 Mar 1;3(1):22-31. PubMed PMID: 24688801; PubMed Central PMCID: PMC3969747.

1050: Angle JF, Prince EA, Matsumoto AH, Lohmeier TE, Roberts AM, Misra S, Razavi MK, Katholi RE, Sarin SN, Sica DA, Shivkumar K, Ahrar K. Proceedings from the Society of Interventional Radiology Foundation Research Consensus Panel on Renal Sympathetic Denervation. J Vasc Interv Radiol. 2014 Apr;25(4):497-509. doi: 10.1016/j.jvir.2013.12.572. Review. PubMed PMID: 24674208.

1051: Etminan N, Beseoglu K, Barrow DL, Bederson J, Brown RD Jr, Connolly ES Jr, Derdeyn CP, Hänggi D, Hasan D, Juvela S, Kasuya H, Kirkpatrick PJ, Knuckey N, Koivisto T, Lanzino G, Lawton MT, LeRoux P, McDougall CG, Mee E, Mocco J, Molyneux A, Morgan MK, Mori K, Morita A, Murayama Y, Nagahiro S, Pasqualin A, Raabe A, Raymond J, Rinkel GJ, Rüfenacht D, Seifert V, Spears J, Steiger HJ, Steinmetz H, Torner JC, Vajkoczy P, Wanke I, Wong GK, Wong JH, Macdonald RL. Multidisciplinary consensus on assessment of unruptured intracranial aneurysms: proposal of an international research group. Stroke. 2014 May;45(5):1523-30. doi: 10.1161/STROKEAHA.114.004519. Epub 2014 Mar 25. PubMed PMID: 24668202.

1052: Turfe ZA, Brinjikji W, Murad MH, Lanzino G, Cloft HJ, Kallmes DF. Endovascular coiling versus parent artery occlusion for treatment of cavernous carotid aneurysms: a meta-analysis. J Neurointerv Surg. 2015 Apr;7(4):250-5. doi: 10.1136/neurintsurg-2014-011102. Epub 2014 Mar 21. PubMed PMID: 24658655.

1053: Barrington MJ, Morrison W, Sutherland T, Tay VS, Watson JC. Case scenario: postoperative brachial plexopathy associated with infraclavicular brachial plexus blockade: localizing postoperative nerve injury. Anesthesiology. 2014 Aug;121(2):383-7. doi: 10.1097/ALN.0000000000000211. PubMed PMID: 24614326.

1054: Tong J, Ren Y, Wang X, Dimopoulos VG, Kesler HN, Liu W, He X, Nedergaard M, Huang JH. Assessment of Nogo-66 receptor 1 function in vivo after spinal cord injury. Neurosurgery. 2014 Jul;75(1):51-60. doi: 10.1227/NEU.0000000000000337. PubMed PMID: 24594926; PubMed Central PMCID: PMC4062593.

1055: Brown PD, Blanchard M, Jethwa K, Flemming KD, Brown CA, Kline RW, Jacobson DJ, St Sauver J,

Pollock BE, Garces YI, Stafford SL, Link MJ, Erickson D, Foote RL, Laack NN. The incidence of cerebrovascular accidents and second brain tumors in patients with pituitary neuroendocrine tumor: a population-based study. *Neurooncol Pract.* 2014 Mar;1(1):22-28. PubMed PMID: 26034611; PubMed Central PMCID: PMC4369699.

1056: Mahon BZ, Navarrete E. The CRITICAL DIFFERENCE in models of speech production: a response to Roelofs and Piai. *Cortex.* 2014 Mar;52:123-7. doi: 10.1016/j.cortex.2013.12.001. Epub 2013 Dec 19. PubMed PMID: 24525244.

1057: Pastori C, Daniel M, Penas C, Volmar CH, Johnstone AL, Brothers SP, Graham RM, Allen B, Sarkaria JN, Komotar RJ, Wahlestedt C, Ayad NG. BET bromodomain proteins are required for glioblastoma cell proliferation. *Epigenetics.* 2014 Apr;9(4):611-20. doi: 10.4161/epi.27906. Epub 2014 Feb 19. PubMed PMID: 24496381; PubMed Central PMCID: PMC4121371.

1058: McDonald JS, McDonald RJ, Carter RE, Katzberg RW, Kallmes DF, Williamson EE. Risk of intravenous contrast material-mediated acute kidney injury: a propensity score-matched study stratified by baseline-estimated glomerular filtration rate. *Radiology.* 2014 Apr;271(1):65-73. doi: 10.1148/radiol.13130775. Epub 2014 Jan 16. PubMed PMID: 24475854.

1059: Thakur KT, Probasco JC, Hocker SE, Roehl K, Henry B, Kossoff EH, Kaplan PW, Geocadin RG, Hartman AL, Venkatesan A, Cervenka MC. Ketogenic diet for adults in super-refractory status epilepticus. *Neurology.* 2014 Feb 25;82(8):665-70. doi: 10.1212/WNL.000000000000151. Epub 2014 Jan 22. PubMed PMID: 24453083; PubMed Central PMCID: PMC3945660.

1060: Frank JI, Schumm LP, Wroblewski K, Chyatte D, Rosengart AJ, Kordeck C, Thisted RA; HeADDFIRST Trialists. Hemicraniectomy and durotomy upon deterioration from infarction-related swelling trial: randomized pilot clinical trial. *Stroke.* 2014 Mar;45(3):781-7. doi: 10.1161/STROKEAHA.113.003200. Epub 2014 Jan 14. PubMed PMID: 24425122; PubMed Central PMCID: PMC4033520.

1061: Kiechle K, Bazarian JJ, Merchant-Borna K, Stoecklein V, Rozen E, Blyth B, Huang JH, Dayawansa S, Kanz K, Biberthaler P. Subject-specific increases in serum S-100B distinguish sports-related concussion from sports-related exertion. *PLoS One.* 2014 Jan 8;9(1):e84977. doi: 10.1371/journal.pone.0084977. eCollection 2014. PubMed PMID: 24416325; PubMed Central PMCID: PMC3885765.

1062: Warner DS, Lanier WL. Mr. Piano Man: reflections on the life of physician, scientist, and humanitarian, William L. Young, MD (1954-2013). *J Neurosurg Anesthesiol.* 2014 Jan;26(1):1-3. doi: 10.1097/ANA.0000000000000006. PubMed PMID: 24394583.

1063: Gläsker S, Smith J, Raffeld M, Li J, Oldfield EH, Vortmeyer AO. VHL-deficient vasculogenesis in hemangioblastoma. *Exp Mol Pathol.* 2014 Apr;96(2):162-7. doi: 10.1016/j.yexmp.2013.12.011. Epub 2014 Jan 4. PubMed PMID: 24394472.

1064: Nagaraja TN, Aryal MP, Brown SL, Bagher-Ebadian H, Mikkelsen T, Yang JJ, Panda S, Keenan KA, Cabral G, Ewing JR. Cilengitide-induced temporal variations in transvascular transfer parameters of tumor vasculature in a rat glioma model: identifying potential MRI biomarkers of acute effects. *PLoS One.* 2013 Dec 23;8(12):e84493. doi: 10.1371/journal.pone.0084493. eCollection 2013. PubMed PMID: 24376814; PubMed Central PMCID: PMC3871527.

1065: Marcus JA, Pothineni A, Marcus CZ, Bisognano JD. The role of obesity and obstructive sleep apnea in the pathogenesis and treatment of resistant hypertension. *Curr Hypertens Rep.* 2014 Jan;16(1):411. doi: 10.1007/s11906-013-0411-y. Review. PubMed PMID: 24346827.

- 1066: Brown FC, Westerveld M, Langfitt JT, Hamberger M, Hamid H, Shinnar S, Sperling MR, Devinsky O, Barr W, Tracy J, Masur D, Bazil CW, Spencer SS. Influence of anxiety on memory performance in temporal lobe epilepsy. *Epilepsy Behav.* 2014 Feb;31:19-24. doi: 10.1016/j.yebeh.2013.10.009. Epub 2013 Nov 26. PubMed PMID: 24291525; PubMed Central PMCID: PMC3946774.
- 1067: Greving JP, Wermer MJ, Brown RD Jr, Morita A, Juvela S, Yonekura M, Ishibashi T, Torner JC, Nakayama T, Rinkel GJ, Algra A. Development of the PHASES score for prediction of risk of rupture of intracranial aneurysms: a pooled analysis of six prospective cohort studies. *Lancet Neurol.* 2014 Jan;13(1):59-66. doi: 10.1016/S1474-4422(13)70263-1. Epub 2013 Nov 27. Review. PubMed PMID: 24290159.
- 1068: Dombi E, Ardern-Holmes SL, Babovic-Vuksanovic D, Barker FG, Connor S, Evans DG, Fisher MJ, Goutagny S, Harris GJ, Jaramillo D, Karajannis MA, Korf BR, Mautner V, Plotkin SR, Poussaint TY, Robertson K, Shih CS, Widemann BC; REiNS International Collaboration. Recommendations for imaging tumor response in neurofibromatosis clinical trials. *Neurology.* 2013 Nov 19;81(21 Suppl 1):S33-40. doi: 10.1212/01.wnl.0000435744.57038.af. PubMed PMID: 24249804; PubMed Central PMCID: PMC3908340.
- 1069: Burns PB, Kim HM, Gaston RG, Haase SC, Hammert WC, Lawton JN, Merrell GA, Nassab PF, Yang LJ, Chung KC. Predictors of functional outcomes after simple decompression for ulnar neuropathy at the elbow: a multicenter study by the SUN study group. *Arch Phys Med Rehabil.* 2014 Apr;95(4):680-5. doi: 10.1016/j.apmr.2013.10.028. Epub 2013 Nov 16. PubMed PMID: 24252584; PubMed Central PMCID: PMC4141550.
- 1070: Kreiner DS, Hwang SW, Easa JE, Resnick DK, Baisden JL, Bess S, Cho CH, DePalma MJ, Dougherty P 2nd, Fernand R, Ghiselli G, Hanna AS, Lamer T, Lisi AJ, Mazanec DJ, Meagher RJ, Nucci RC, Patel RD, Sembrano JN, Sharma AK, Summers JT, Taleghani CK, Tontz WL Jr, Toton JF; North American Spine Society. An evidence-based clinical guideline for the diagnosis and treatment of lumbar disc herniation with radiculopathy. *Spine J.* 2014 Jan;14(1):180-91. doi: 10.1016/j.spinee.2013.08.003. Epub 2013 Nov 14. Review. PubMed PMID: 24239490.
- 1071: Lundgaard I, Osório MJ, Kress BT, Sanggaard S, Nedergaard M. White matter astrocytes in health and disease. *Neuroscience.* 2014 Sep 12;276:161-73. doi: 10.1016/j.neuroscience.2013.10.050. Epub 2013 Nov 11. Review. PubMed PMID: 24231735; PubMed Central PMCID: PMC4016995.
- 1072: Iliff JJ, Wang M, Zeppenfeld DM, Venkataraman A, Plog BA, Liao Y, Deane R, Nedergaard M. Cerebral arterial pulsation drives paravascular CSF-interstitial fluid exchange in the murine brain. *J Neurosci.* 2013 Nov 13;33(46):18190-9. doi: 10.1523/JNEUROSCI.1592-13.2013. PubMed PMID: 24227727; PubMed Central PMCID: PMC3866416.
- 1073: Abel AS, Brace JR, McKinney AM, Friedman DI, Smith SD, Westesson PL, Nascene D, Ott F, Lee MS. Effect of patient positioning on cerebrospinal fluid opening pressure. *J Neuroophthalmol.* 2014 Sep;34(3):218-22. doi: 10.1097/WNO.0000000000000074. PubMed PMID: 24213568.
- 1074: Mahmood A, Wu H, Qu C, Mahmood S, Xiong Y, Kaplan D, Chopp M. Down-regulation of Nogo-A by collagen scaffolds impregnated with bone marrow stromal cell treatment after traumatic brain injury promotes Axon regeneration in rats. *Brain Res.* 2014 Jan 13;1542:41-8. doi: 10.1016/j.brainres.2013.10.045. Epub 2013 Oct 28. PubMed PMID: 24177046.
- 1075: Derdeyn CP, Chimowitz MI, Lynn MJ, Fiorella D, Turan TN, Janis LS, Montgomery J, Nizam A, Lane BF, Lutsep HL, Barnwell SL, Waters MF, Hoh BL, Hourihane JM, Levy EI, Alexandrov AV, Harrigan MR, Chiu D, Klucznik RP, Clark JM, McDougall CG, Johnson MD, Pride GL Jr, Lynch JR, Zaidat OO, Rumboldt

Z, Cloft HJ; Stenting and Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis Trial Investigators. Aggressive medical treatment with or without stenting in high-risk patients with intracranial artery stenosis (SAMMPRIS): the final results of a randomised trial. *Lancet.* 2014 Jan 25;383(9914):333-41. doi: 10.1016/S0140-6736(13)62038-3. Epub 2013 Oct 26. PubMed PMID: 24168957; PubMed Central PMCID: PMC3971471.

1076: Lee JY, Giusti G, Wang H, Friedrich PF, Bishop AT, Shin AY. Functional evaluation in the rat sciatic nerve defect model: a comparison of the sciatic functional index, ankle angles, and isometric tetanic force. *Plast Reconstr Surg.* 2013 Nov;132(5):1173-80. doi: 10.1097/PRS.0b013e3182a3bfeb. PubMed PMID: 24165599.

1077: Rose KR, Stone JJ, Ren Z, Wang H, Jahromi BS. Percutaneous trigeminal rhizotomy in a biplane angiosuite: technical assessment. *J Neurointerv Surg.* 2014 Nov;6(9):699-703. doi: 10.1136/neurintsurg-2013-010883. Epub 2013 Oct 23. PubMed PMID: 24153337.

1078: Setty P, Volkov AA, D'Andrea KP, Pieper DR. Endoscopic vascular decompression for the treatment of trigeminal neuralgia: clinical outcomes and technical note. *World Neurosurg.* 2014 Mar-Apr;81(3-4):603-8. doi: 10.1016/j.wneu.2013.10.036. Epub 2013 Oct 17. PubMed PMID: 24140999.

1079: Ding F, O'Donnell J, Thrane AS, Zeppenfeld D, Kang H, Xie L, Wang F, Nedergaard M. α 1-Adrenergic receptors mediate coordinated Ca²⁺ signaling of cortical astrocytes in awake, behaving mice. *Cell Calcium.* 2013 Dec;54(6):387-94. doi: 10.1016/j.ceca.2013.09.001. Epub 2013 Sep 24. PubMed PMID: 24138901; PubMed Central PMCID: PMC3858490.

1080: Xie L, Kang H, Xu Q, Chen MJ, Liao Y, Thiagarajan M, O'Donnell J, Christensen DJ, Nicholson C, Iliff JJ, Takano T, Deane R, Nedergaard M. Sleep drives metabolite clearance from the adult brain. *Science.* 2013 Oct 18;342(6156):373-7. doi: 10.1126/science.1241224. PubMed PMID: 24136970; PubMed Central PMCID: PMC3880190.

1081: Kasasbeh AS, Smyth MD, Steger-May K, Jalilian L, Bertrand M, Limbrick DD. Outcomes after anterior or complete corpus callosotomy in children. *Neurosurgery.* 2014 Jan;74(1):17-28; discussion 28. doi: 10.1227/NEU.0000000000000197. PubMed PMID: 24089047.

1082: Kamali MF, Jain M, Jain AR, Schneider SM. Emergency department waiting room: many requests, many insured and many primary care physician referrals. *Int J Emerg Med.* 2013 Oct 1;6(1):35. doi: 10.1186/1865-1380-6-35. PubMed PMID: 24083339; PubMed Central PMCID: PMC3850753.

1083: Schirmer CM, Elder JB, Roitberg B, Lobel DA. Virtual reality-based simulation training for ventriculostomy: an evidence-based approach. *Neurosurgery.* 2013 Oct;73 Suppl 1:66-73. doi: 10.1227/NEU.0000000000000074. PubMed PMID: 24051886.

1084: Lobel DA, Elder JB, Schirmer CM, Bowyer MW, Rezai AR. A novel craniotomy simulator provides a validated method to enhance education in the management of traumatic brain injury. *Neurosurgery.* 2013 Oct;73 Suppl 1:57-65. doi: 10.1227/NEU.0000000000000116. PubMed PMID: 24051884.

1085: Harrop J, Lobel DA, Bendok B, Sharan A, Rezai AR. Developing a neurosurgical simulation-based educational curriculum: an overview. *Neurosurgery.* 2013 Oct;73 Suppl 1:25-9. doi: 10.1227/NEU.0000000000000101. Review. PubMed PMID: 24051879.

1086: Ghobrial GM, Anderson PA, Chitale R, Campbell PG, Lobel DA, Harrop J. Simulated spinal cerebrospinal fluid leak repair: an educational model with didactic and technical components. *Neurosurgery.* 2013 Oct;73 Suppl 1:111-5. doi: 10.1227/NEU.0000000000000100. PubMed PMID: 24051873.

- 1087: Chitale R, Ghobrial GM, Lobel D, Harrop J. Simulated lumbar minimally invasive surgery educational model with didactic and technical components. *Neurosurgery*. 2013 Oct;73 Suppl 1:107-10. doi: 10.1227/NEU.0000000000000091. PubMed PMID: 24051872.
- 1088: Liu H, Schwarz EM, Xie C. Dual differentiation-exogenous mesenchymal stem cell therapy for traumatic spinal cord injury repair in a murine hemisection model. *Stem Cells Int*. 2013;2013:928982. doi: 10.1155/2013/928982. Epub 2013 Aug 20. Review. PubMed PMID: 24027587; PubMed Central PMCID: PMC3762188.
- 1089: Rangroo Thrane V, Thrane AS, Plog BA, Thiagarajan M, Iliff JJ, Deane R, Nagelhus EA, Nedergaard M. Paravascular microcirculation facilitates rapid lipid transport and astrocyte signaling in the brain. *Sci Rep*. 2013;3:2582. doi: 10.1038/srep02582. PubMed PMID: 24002448; PubMed Central PMCID: PMC3761080.
- 1090: Kim JP, Min HK, Knight EJ, Duffy PS, Abulseoud OA, Marsh MP, Kelsey K, Blaha CD, Bennet KE, Frye MA, Lee KH. Centromedian-parafascicular deep brain stimulation induces differential functional inhibition of the motor, associative, and limbic circuits in large animals. *Biol Psychiatry*. 2013 Dec 15;74(12):917-926. doi: 10.1016/j.biopsych.2013.06.024. Epub 2013 Aug 30. PubMed PMID: 23993641; PubMed Central PMCID: PMC3910443.
- 1091: Stasenko A, Garcea FE, Mahon BZ. What happens to the motor theory of perception when the motor system is damaged? *Lang Cogn*. 2013 Sep;5(2-3):225-238. PubMed PMID: 26823687; PubMed Central PMCID: PMC4727246.
- 1092: Singh I, Sagare AP, Coma M, Perlmutter D, Gelein R, Bell RD, Deane RJ, Zhong E, Parisi M, Ciszewski J, Kasper RT, Deane R. Low levels of copper disrupt brain amyloid- β homeostasis by altering its production and clearance. *Proc Natl Acad Sci U S A*. 2013 Sep 3;110(36):14771-6. doi: 10.1073/pnas.1302212110. Epub 2013 Aug 19. PubMed PMID: 23959870; PubMed Central PMCID: PMC3767519.
- 1093: Srinivasan V, Wensel A, Dutcher P, Newlands S, Johnson M, Vates GE. Calcium pyrophosphate deposition disease of the temporomandibular joint. *J Neurol Surg Rep*. 2012 Oct;73(1):6-8. doi: 10.1055/s-0032-1329190. PubMed PMID: 23946918; PubMed Central PMCID: PMC3658656.
- 1094: Mocco J, Huston J, Fargen KM, Torner J, Brown RD Jr; International Study of Unruptured Aneurysms Investigators. An angiographic atlas of intracranial arterial diameters associated with cerebral aneurysms. *J Neurointerv Surg*. 2014 Sep;6(7):533-5. doi: 10.1136/neurintsurg-2013-010838. Epub 2013 Aug 13. PubMed PMID: 23946098.
- 1095: Hintz EB, Tomlin JM, Chengazi V, Vates GE. Positron emission tomography-computed tomography coregistration for diagnosis and intraoperative localization in recurrent nelson syndrome. *J Neurol Surg Rep*. 2013 Jun;74(1):33-6. doi: 10.1055/s-0033-1346974. Epub 2013 May 9. PubMed PMID: 23943718; PubMed Central PMCID: PMC3713561.
- 1096: Walker CT, Stone JJ, Jacobson M, Phillips V, Silberstein HJ. Indications for pediatric external ventricular drain placement and risk factors for conversion to a ventriculoperitoneal shunt. *Pediatr Neurosurg*. 2012;48(6):342-7. doi: 10.1159/000353608. Epub 2013 Aug 13. PubMed PMID: 23941907.
- 1097: Erba G, Messina P, Pupillo E, Beghi E; OPTEFF Pediatric Group. Acceptance of epilepsy surgery in the pediatric age - what the parents think and what the doctors can do. *Epilepsy Behav*. 2013 Oct;29(1):112-20. doi: 10.1016/j.yebeh.2013.05.039. Epub 2013 Aug 10. PubMed PMID: 23939035.
- 1098: Chimenti PC, Hammert WC. Ulnar neuropathy at the elbow: an evidence-based algorithm. *Hand*

Clin. 2013 Aug;29(3):435-42. doi: 10.1016/j.hcl.2013.04.013. Epub 2013 Jun 12. Review. PubMed PMID: 23895724.

1099: Jain A, Jain M, Bellolio MF, Schears RM, Rabinstein AA, Ganti L. Is early DNR a self-fulfilling prophecy for patients with spontaneous intracerebral hemorrhage? Neurocrit Care. 2013 Dec;19(3):342-6. doi: 10.1007/s12028-013-9878-2. PubMed PMID: 23884512.

1100: Walker CT, Stone JJ, Jain M, Jacobson M, Phillips V, Silberstein HJ. The effects of socioeconomic status and race on pediatric neurosurgical shunting. Childs Nerv Syst. 2014 Jan;30(1):117-22. doi: 10.1007/s00381-013-2206-5. Epub 2013 Jun 30. PubMed PMID: 23811830.

1101: Chimenti P, Molinari R. Post-operative spinal epidural hematoma causing American Spinal Injury Association B spinal cord injury in patients with suction wound drains. J Spinal Cord Med. 2013 May;36(3):213-9. doi: 10.1179/2045772312Y.0000000070. PubMed PMID: 23809591; PubMed Central PMCID: PMC3654447.

1102: Wilson RA, McAleavy SA, Schiffhauer LM, Zavislan J. Design and validation of two optical beacons for guidewire localization in breast-conserving surgery. Appl Opt. 2013 Jun 10;52(17):4024-34. doi: 10.1364/AO.52.004024. PubMed PMID: 23759852.

1103: Štěpán-Buksakowska I, Szabó N, Hořínek D, Tóth E, Hort J, Warner J, Charvát F, Vécsei L, Roček M, Kincses ZT. Cortical and subcortical atrophy in Alzheimer disease: parallel atrophy of thalamus and hippocampus. Alzheimer Dis Assoc Disord. 2014 Jan-Mar;28(1):65-72. doi: 10.1097/WAD.0b013e318299d3d6. PubMed PMID: 23751371.

1104: Dworkin RH, O'Connor AB, Kent J, Mackey SC, Raja SN, Stacey BR, Levy RM, Backonja M, Baron R, Harke H, Loeser JD, Treede RD, Turk DC, Wells CD; International Association for the Study of Pain Neuropathic Pain Special Interest Group. Interventional management of neuropathic pain: NeuPSIG recommendations. Pain. 2013 Nov;154(11):2249-61. doi: 10.1016/j.pain.2013.06.004. Epub 2013 Jun 6. Review. PubMed PMID: 23748119; PubMed Central PMCID: PMC4484720.

1105: Mahon BZ. Watching the brain in action. Elife. 2013 May 28;2:e00866. doi: 10.7554/eLife.00866. PubMed PMID: 23741621; PubMed Central PMCID: PMC3667576.

1106: Iliff JJ, Nedergaard M. Is there a cerebral lymphatic system? Stroke. 2013 Jun;44(6 Suppl 1):S93-5. doi: 10.1161/STROKEAHA.112.678698. Review. PubMed PMID: 23709744; PubMed Central PMCID: PMC3699410.

1107: Kimmell KT, Petraglia AL, Ballou MA, Pilcher WH. William P. Van Wagenen (1897-1961): pupil, mentor, and neurosurgical pioneer. J Neurosurg. 2013 Sep;119(3):789-95. doi: 10.3171/2013.4.JNS121520. Epub 2013 May 10. PubMed PMID: 23662824.

1108: Fernandes KA, Harder JM, Kim J, Libby RT. JUN regulates early transcriptional responses to axonal injury in retinal ganglion cells. Exp Eye Res. 2013 Jul;112:106-17. doi: 10.1016/j.exer.2013.04.021. Epub 2013 May 3. PubMed PMID: 23648575; PubMed Central PMCID: PMC3700614.

1109: DiVincenti L Jr. Analgesic use in nonhuman primates undergoing neurosurgical procedures. J Am Assoc Lab Anim Sci. 2013 Jan;52(1):10-6. Review. PubMed PMID: 23562027; PubMed Central PMCID: PMC3548195.

1110: Ren Z, Chen X, Yang J, Kress BT, Tong J, Liu H, Takano T, Zhao Y, Nedergaard M. Improved Axon regeneration after spinal cord injury in mice with conditional deletion of ephrin B2 under the GFAP

promoter. *Neuroscience*. 2013 Jun 25;241:89-99. doi: 10.1016/j.neuroscience.2013.03.010. Epub 2013 Mar 19. PubMed PMID: 23518227; PubMed Central PMCID: PMC3892957.

1111: Berber B, Ibarra R, Snyder L, Yao M, Fabien J, Milano MT, Katz AW, Goodman K, Stephans K, El-Gazzaz G, Aucejo F, Miller C, Fung J, Lo S, Machtay M, Sanabria J. Multicentre results of stereotactic body radiotherapy for secondary liver tumours. *HPB (Oxford)*. 2013 Nov;15(11):851-7. doi: 10.1111/hpb.12044. Epub 2013 Jan 14. PubMed PMID: 23458468; PubMed Central PMCID: PMC4503282.

1112: Johnson MD, O'Connell MJ, Silberstein H, Korones D. Differential expression of somatostatin receptors, P44/42 MAPK, and mTOR activation in medulloblastomas and primitive neuroectodermal tumors. *Appl Immunohistochem Mol Morphol*. 2013 Dec;21(6):532-8. doi: 10.1097/PAI.0b013e3182813724. PubMed PMID: 23455179.

1113: Iliff JJ, Lee H, Yu M, Feng T, Logan J, Nedergaard M, Benveniste H. Brain-wide pathway for waste clearance captured by contrast-enhanced MRI. *J Clin Invest*. 2013 Mar;123(3):1299-309. doi: 10.1172/JCI67677. Epub 2013 Feb 22. PubMed PMID: 23434588; PubMed Central PMCID: PMC3582150.

1114: Hintz EB, Yeaney GA, Buchberger GK, Vates GE. Intracranial salivary gland choristoma within optic nerve dural sheath: case report and review of the literature. *World Neurosurg*. 2014 May-Jun;81(5-6):842.e1-4. doi: 10.1016/j.wneu.2013.01.094. Epub 2013 Jan 29. Review. PubMed PMID: 23376277.

1115: Wang EW, Huang JH. Understanding and treating blast traumatic brain injury in the combat theater. *Neurol Res*. 2013 Apr;35(3):285-9. doi: 10.1179/1743132812Y.0000000138. Epub 2012 Dec 28. Review. PubMed PMID: 23336263.

1116: Navarrete E, Mahon BZ. A rose by any other name is still a rose: A reinterpretation of Hantsch and Mädebach. *Lang Cogn Process*. 2013;28(5):701-716. doi: 10.1080/01690965.2012.682071. Epub 2012 Aug 28. PubMed PMID: 28663604; PubMed Central PMCID: PMC5487006.

1117: Jain M, Jain A, Yerragondu N, Brown RD, Rabinstein A, Jahromi BS, Vaidyanathan L, Blyth B, Stead LG. The Triglyceride Paradox in Stroke Survivors: A Prospective Study. *Neurosci J*. 2013;2013:870608. doi: 10.1155/2013/870608. Epub 2013 Feb 25. PubMed PMID: 26317103; PubMed Central PMCID: PMC4437270.

1118: Algattas H, Huang JH. Neurotrauma and Repair Research: Traumatic Brain Injury (TBI) and its Treatments. *Biomed Eng Comput Biol*. 2013 Jun 23;5:51-6. doi: 10.4137/BECB.S10968. eCollection 2013. Review. PubMed PMID: 25288902; PubMed Central PMCID: PMC4147763.

1119: Sandwell SE, El-Naggar AO. Nucleus caudalis dorsal root entry zone lesioning for the treatment of anesthesia dolorosa. *J Neurosurg*. 2013 Mar;118(3):534-8. doi: 10.3171/2012.11.JNS121395. Epub 2012 Dec 14. PubMed PMID: 23240704.

1120: Wang M, Iliff JJ, Liao Y, Chen MJ, Shinseki MS, Venkataraman A, Cheung J, Wang W, Nedergaard M. Cognitive deficits and delayed neuronal loss in a mouse model of multiple microinfarcts. *J Neurosci*. 2012 Dec 12;32(50):17948-60. doi: 10.1523/JNEUROSCI.1860-12.2012. PubMed PMID: 23238711; PubMed Central PMCID: PMC3541041.

1121: Petraglia AL, Childs SM, Walker CT, Hogg J, Bailes JE, Lively MW. Bipartite atlas in a collegiate football player - Not necessarily a contraindication for return-to-play: A case report and review of the literature. *Surg Neurol Int*. 2012;3:126. doi: 10.4103/2152-7806.102351. Epub 2012 Oct 13. PubMed

PMID: 23227431; PubMed Central PMCID: PMC3513844.

1122: Dashnaw ML, Petraglia AL, Bailes JE. An overview of the basic science of concussion and subconcussion: where we are and where we are going. *Neurosurg Focus*. 2012 Dec;33(6):E5: 1-9. doi: 10.3171/2012.10.FOCUS12284. Review. PubMed PMID: 23199428.

1123: Takano T, Chen X, Luo F, Fujita T, Ren Z, Goldman N, Zhao Y, Markman JD, Nedergaard M. Traditional acupuncture triggers a local increase in adenosine in human subjects. *J Pain*. 2012 Dec;13(12):1215-23. doi: 10.1016/j.jpain.2012.09.012. PubMed PMID: 23182227; PubMed Central PMCID: PMC3587733.

1124: Thrane AS, Rangroo Thrane V, Zeppenfeld D, Lou N, Xu Q, Nagelhus EA, Nedergaard M. General anesthesia selectively disrupts astrocyte calcium signaling in the awake mouse cortex. *Proc Natl Acad Sci U S A*. 2012 Nov 13;109(46):18974-9. doi: 10.1073/pnas.1209448109. Epub 2012 Oct 29. PubMed PMID: 23112168; PubMed Central PMCID: PMC3503159.

1125: Stone JJ, Walker CT, Jacobson M, Phillips V, Silberstein HJ. Revision rate of pediatric ventriculoperitoneal shunts after 15 years. *J Neurosurg Pediatr*. 2013 Jan;11(1):15-9. doi: 10.3171/2012.9.PEDS1298. Epub 2012 Oct 26. PubMed PMID: 23101557.

1126: Kimmell KT, Petraglia AL. Journal Club: brain hypoxia is associated with short-term outcome after severe traumatic brain injury independently of intracranial hypertension and low cerebral perfusion pressure. *Neurosurgery*. 2012 Nov;71(5):E1059-61. doi: 10.1227/NEU.0b013e31826d2b94. PubMed PMID: 23079926.

1127: Kimbrough DJ, Fujihara K, Jacob A, Lana-Peixoto MA, Leite MI, Levy M, Marignier R, Nakashima I, Palace J, de Seze J, Stuve O, Tenembaum SN, Traboulsee A, Waubant E, Weinshenker BG, Wingerchuk DM; GJCF-CC&BR. Treatment of Neuromyelitis Optica: Review and Recommendations. *Mult Scler Relat Disord*. 2012 Oct;1(4):180-187. PubMed PMID: 24555176; PubMed Central PMCID: PMC3926208.

1128: Tong J, Liu W, Wang X, Han X, Hyrien O, Samadani U, Smith DH, Huang JH. Inhibition of Nogo-66 receptor 1 enhances recovery of cognitive function after traumatic brain injury in mice. *J Neurotrauma*. 2013 Feb 15;30(4):247-58. doi: 10.1089/neu.2012.2493. Epub 2013 Feb 4. PubMed PMID: 22967270; PubMed Central PMCID: PMC3579383.

1129: Chen MJ, Kress B, Han X, Moll K, Peng W, Ji RR, Nedergaard M. Astrocytic CX43 hemichannels and gap junctions play a crucial role in development of chronic neuropathic pain following spinal cord injury. *Glia*. 2012 Nov;60(11):1660-70. doi: 10.1002/glia.22384. Epub 2012 Aug 1. PubMed PMID: 22951907; PubMed Central PMCID: PMC3604747.

1130: Brenyo AJ, Huang DT, Aktas MK. Congenital long and short QT syndromes. *Cardiology*. 2012;122(4):237-47. doi: 10.1159/000339537. Epub 2012 Aug 14. Review. PubMed PMID: 22906875.

1131: Farahvar A, Gerber LM, Chiu YL, Carney N, Härtl R, Ghajar J. Increased mortality in patients with severe traumatic brain injury treated without intracranial pressure monitoring. *J Neurosurg*. 2012 Oct;117(4):729-34. doi: 10.3171/2012.7.JNS111816. Epub 2012 Aug 17. PubMed PMID: 22900846.

1132: Iliff JJ, Wang M, Liao Y, Plogg BA, Peng W, Gundersen GA, Benveniste H, Vates GE, Deane R, Goldman SA, Nagelhus EA, Nedergaard M. A paravascular pathway facilitates CSF flow through the brain parenchyma and the clearance of interstitial solutes, including amyloid β . *Sci Transl Med*. 2012 Aug 15;4(147):147ra111. doi: 10.1126/scitranslmed.3003748. PubMed PMID: 22896675; PubMed Central PMCID: PMC3551275.

- 1133: Roditi RE, Kesarwani P, Barker EM, Yeaney GA, Walter KA, Crane BT. Imaging case of the month: Bilateral internal auditory canal melanoma. *Otol Neurotol.* 2012 Dec;33(9):e77-8. doi: 10.1097/MAO.0b013e3182659ce3. PubMed PMID: 22872181; PubMed Central PMCID: PMC3845031.
- 1134: Guse DM, Moran SL. Outcomes of the surgical treatment of peripheral neuromas of the hand and forearm: a 25-year comparative outcome study. *Ann Plast Surg.* 2013 Dec;71(6):654-8. doi: 10.1097/SAP.0b013e3182583cf9. PubMed PMID: 22868319.
- 1135: Moravan MJ, Petraglia AL, Almasti J, Yeaney GA, Miller MC, Edward Vates G. Intraosseous hemangioma of the clivus: a case report and review of the literature. *J Neurosurg Sci.* 2012 Sep;56(3):255-9. Review. PubMed PMID: 22854594.
- 1136: Tivarus ME, Starling SJ, Newport EL, Langfitt JT. Homotopic language reorganization in the right hemisphere after early left hemisphere injury. *Brain Lang.* 2012 Oct;123(1):1-10. doi: 10.1016/j.bandl.2012.06.006. Epub 2012 Jul 24. PubMed PMID: 22835489; PubMed Central PMCID: PMC3443966.
- 1137: Davidson AC, Bisognano JD. Interventional approaches for resistant hypertension. *Curr Opin Nephrol Hypertens.* 2012 Sep;21(5):475-80. doi: 10.1097/MNH.0b013e328356d004. Review. PubMed PMID: 22801445.
- 1138: Rangroo Thrane V, Thrane AS, Chang J, Alleluia V, Nagelhus EA, Nedergaard M. Real-time analysis of microglial activation and motility in hepatic and hyperammonemic encephalopathy. *Neuroscience.* 2012 Sep 18;220:247-55. doi: 10.1016/j.neuroscience.2012.06.022. Epub 2012 Jun 21. Erratum in: *Neuroscience.* 2013 Mar 13;233:184. Chanag, J [corrected to Chang, J]. PubMed PMID: 22728097; PubMed Central PMCID: PMC3593111.
- 1139: Dhakal S, Peterson CR 3rd, Milano MT. Radiation therapy in the management of patients with limited brain metastases. *Am J Clin Oncol.* 2014 Apr;37(2):208-14. doi: 10.1097/COC.0b013e3182546807. Review. PubMed PMID: 22706172.
- 1140: Deane RJ. Is RAGE still a therapeutic target for Alzheimer's disease? *Future Med Chem.* 2012 May;4(7):915-25. doi: 10.4155/fmc.12.51. Review. PubMed PMID: 22571615; PubMed Central PMCID: PMC4973574.
- 1141: Shin JH, Howard FM. Abdominal wall nerve injury during laparoscopic gynecologic surgery: incidence, risk factors, and treatment outcomes. *J Minim Invasive Gynecol.* 2012 Jul-Aug;19(4):448-53. doi: 10.1016/j.jmig.2012.03.009. Epub 2012 May 3. PubMed PMID: 22560041.
- 1142: Wang F, Smith NA, Xu Q, Fujita T, Baba A, Matsuda T, Takano T, Bekar L, Nedergaard M. Astrocytes modulate neural network activity by Ca^{2+} -dependent uptake of extracellular K^+ . *Sci Signal.* 2012 Apr 3;5(218):ra26. doi: 10.1126/scisignal.2002334. PubMed PMID: 22472648; PubMed Central PMCID: PMC3515082.
- 1143: Choi M, Flores RL, Havlik RJ. Volumetric analysis of anterior versus posterior cranial vault expansion in patients with syndromic craniosynostosis. *J Craniofac Surg.* 2012 Mar;23(2):455-8. doi: 10.1097/SCS.0b013e318240ff49. PubMed PMID: 22421838.
- 1144: Lovatt D, Xu Q, Liu W, Takano T, Smith NA, Schnermann J, Tieu K, Nedergaard M. Neuronal adenosine release, and not astrocytic ATP release, mediates feedback inhibition of excitatory activity. *Proc Natl Acad Sci U S A.* 2012 Apr 17;109(16):6265-70. doi: 10.1073/pnas.1120997109. Epub 2012 Mar 15. PubMed PMID: 22421436; PubMed Central PMCID: PMC3341061.

- 1145: Huang C, Han X, Li X, Lam E, Peng W, Lou N, Torres A, Yang M, Garre JM, Tian GF, Bennett MV, Nedergaard M, Takano T. Critical role of connexin 43 in secondary expansion of traumatic spinal cord injury. *J Neurosci*. 2012 Mar 7;32(10):3333-8. doi: 10.1523/JNEUROSCI.1216-11.2012. PubMed PMID: 22399755; PubMed Central PMCID: PMC3569730.
- 1146: Srinivasan V, Kesler H, Johnson M, Dorfman H, Walter K. Tophaceous pseudogout of the thoracic spine. *Acta Neurochir (Wien)*. 2012 Apr;154(4):747-50; discussion 750. doi: 10.1007/s00701-012-1308-2. Epub 2012 Feb 27. PubMed PMID: 22367409.
- 1147: Petraglia AL, Chengazi HU, Chung MM, Silberstein HJ. Leber congenital amaurosis associated with Chiari I malformation: Two cases and a review of the literature. *Surg Neurol Int*. 2012;3:4. doi: 10.4103/2152-7806.92165. Epub 2012 Jan 21. PubMed PMID: 22347674; PubMed Central PMCID: PMC3279990.
- 1148: Liu W, Ren Y, Bossert A, Wang X, Dayawansa S, Tong J, He X, Smith DH, Gelbard HA, Huang JH. Allografted neurons used to repair peripheral nerve injury do not elicit overt immunogenicity. *PLoS One*. 2012;7(2):e31675. doi: 10.1371/journal.pone.0031675. Epub 2012 Feb 9. PubMed PMID: 22347502; PubMed Central PMCID: PMC3276507.
- 1149: Petraglia AL, Maroon JC, Bailes JE. From the field of play to the field of combat: a review of the pharmacological management of concussion. *Neurosurgery*. 2012 Jun;70(6):1520-33; discussion 1533. doi: 10.1227/NEU.0b013e31824cebe8. Review. Erratum in: *Neurosurgery*. 2013 Mar;72(3):498. PubMed PMID: 22289786.
- 1150: Chawla S, Korones DN, Milano MT, Hussain A, Hussien AR, Muhs AG, Mangla M, Silberstein H, Ekholm S, Constine LS. Spurious progression in pediatric brain tumors. *J Neurooncol*. 2012 May;107(3):651-7. doi: 10.1007/s11060-011-0794-z. Epub 2012 Jan 12. PubMed PMID: 22237949.
- 1151: Nedergaard M, Verkhratsky A. Artifact versus reality—how astrocytes contribute to synaptic events. *Glia*. 2012 Jul;60(7):1013-23. doi: 10.1002/glia.22288. Epub 2012 Jan 6. Review. PubMed PMID: 22228580; PubMed Central PMCID: PMC3340515.
- 1152: Verkhratsky A, Pankratov Y, Lalo U, Nedergaard M. P2X receptors in neuroglia. *Wiley Interdiscip Rev Membr Transp Signal*. 2012;1(2). doi: 10.1002/wmts.12. PubMed PMID: 24349942; PubMed Central PMCID: PMC3859444.
- 1153: Katz AW, Chawla S, Qu Z, Kashyap R, Milano MT, Hezel AF. Stereotactic hypofractionated radiation therapy as a bridge to transplantation for hepatocellular carcinoma: clinical outcome and pathologic correlation. *Int J Radiat Oncol Biol Phys*. 2012 Jul 1;83(3):895-900. doi: 10.1016/j.ijrobp.2011.08.032. Epub 2011 Dec 13. PubMed PMID: 22172906.
- 1154: Milano MT, Katz AW, Zhang H, Okunieff P. Oligometastases treated with stereotactic body radiotherapy: long-term follow-up of prospective study. *Int J Radiat Oncol Biol Phys*. 2012 Jul 1;83(3):878-86. doi: 10.1016/j.ijrobp.2011.08.036. Epub 2011 Dec 13. PubMed PMID: 22172903.
- 1155: Molinari RW, Khera OA, Molinari WJ 3rd. Prophylactic intraoperative powdered vancomycin and postoperative deep spinal wound infection: 1,512 consecutive surgical cases over a 6-year period. *Eur Spine J*. 2012 Jun;21 Suppl 4:S476-82. doi: 10.1007/s00586-011-2104-z. Epub 2011 Dec 8. PubMed PMID: 22160172; PubMed Central PMCID: PMC3369056.
- 1156: Chawla S, Schell MC, Milano MT. Stereotactic body radiation for the spine: a review. *Am J Clin Oncol*. 2013 Dec;36(6):630-6. doi: 10.1097/COC.0b013e31822dfd71. Review. PubMed PMID: 22134513.

- 1157: Bazarian JJ, Zhu T, Blyth B, Borrino A, Zhong J. Subject-specific changes in brain white matter on diffusion tensor imaging after sports-related concussion. *Magn Reson Imaging*. 2012 Feb;30(2):171-80. doi: 10.1016/j.mri.2011.10.001. Epub 2011 Nov 12. PubMed PMID: 22079073; PubMed Central PMCID: PMC3254806.
- 1158: Petraglia AL, Winkler EA, Bailes JE. Stuck at the bench: Potential natural neuroprotective compounds for concussion. *Surg Neurol Int*. 2011;2:146. doi: 10.4103/2152-7806.85987. Epub 2011 Oct 12. PubMed PMID: 22059141; PubMed Central PMCID: PMC3205506.
- 1159: Sandwell SE, El-Naggar AO. Nucleus caudalis lesioning: Case report of chronic traumatic headache relief. *Surg Neurol Int*. 2011;2:128. doi: 10.4103/2152-7806.85467. Epub 2011 Sep 27. PubMed PMID: 22059123; PubMed Central PMCID: PMC3205483.
- 1160: Petraglia AL, Srinivasan V, Moravan MJ, Coriddi M, Jahromi BS, Vates GE, Maurer PK. Unilateral subfrontal approach to anterior communicating artery aneurysms: A review of 28 patients. *Surg Neurol Int*. 2011;2:124. doi: 10.4103/2152-7806.85056. Epub 2011 Sep 17. PubMed PMID: 22059119; PubMed Central PMCID: PMC3205488.
- 1161: Winkler EA, Bell RD, Zlokovic BV. Central nervous system pericytes in health and disease. *Nat Neurosci*. 2011 Oct 26;14(11):1398-1405. doi: 10.1038/nn.2946. PubMed PMID: 22030551; PubMed Central PMCID: PMC4020628.
- 1162: Petraglia AL, Moravan MJ, Dimopoulos VG, Silberstein HJ. Ventriculosubgaleal shunting—a strategy to reduce the incidence of shunt revisions and slit ventricles: an institutional experience and review of the literature. *Pediatr Neurosurg*. 2011;47(2):99-107. doi: 10.1159/000330539. Epub 2011 Sep 13. Review. PubMed PMID: 21921577.
- 1163: Petraglia AL, Moravan MJ, Jahromi BS. Armored brain: A case report and review of the literature. *Surg Neurol Int*. 2011;2:120. doi: 10.4103/2152-7806.84391. Epub 2011 Aug 30. PubMed PMID: 21918735; PubMed Central PMCID: PMC3172010.
- 1164: Kimmell KT, Dayoub H, Shakir H, Sincoff EH. Spinal dural attachments to the vertebral column: An anatomic report and review of the literature. *Surg Neurol Int*. 2011;2:97. doi: 10.4103/2152-7806.82990. Epub 2011 Jul 18. PubMed PMID: 21811703; PubMed Central PMCID: PMC3144594.
- 1165: Tong J, Latzman JM, Rauch J, Zagzag DS, Huang JH, Samadani U. Sonic hedgehog agonist fails to induce neural stem cell precursors in a porcine model of experimental intracranial hemorrhage. *Acta Neurochir Suppl*. 2011;111:151-4. doi: 10.1007/978-3-7091-0693-8_25. PubMed PMID: 21725747.
- 1166: Philip A, Thakur R. Post herpetic neuralgia. *J Palliat Med*. 2011 Jun;14(6):765-73. doi: 10.1089/jpm.2011.9685. Review. PubMed PMID: 21651364.
- 1167: Ginat DT, Bokhari A, Bhatt S, Dogra V. Inflammatory pseudotumors of the head and neck in pathology-proven cases. *J Neuroradiol*. 2012 May;39(2):110-5. doi: 10.1016/j.neurad.2010.12.010. Epub 2011 Jun 8. PubMed PMID: 21641647.
- 1168: Reis J 3rd, Gill G, Voci S, Almast J. Hemimegalencephaly. *Ultrasound Q*. 2011 Jun;27(2):135-7. doi: 10.1097/RUQ.0b013e31821c5dc7. PubMed PMID: 21606817.
- 1169: Milano MT, Usuki KY, Walter KA, Clark D, Schell MC. Stereotactic radiosurgery and hypofractionated stereotactic radiotherapy: normal tissue dose constraints of the central nervous system. *Cancer Treat Rev*. 2011 Nov;37(7):567-78. doi: 10.1016/j.ctrv.2011.04.004. Epub 2011 May

14. Review. PubMed PMID: 21571440.

1170: Campbell PG, Lee YH, Bell RD, Maltenfort MG, Moshfeghi DM, Leng T, Moshfeghi AA, Ratliff JK. Medical school and residency influence on choice of an academic career and academic productivity among US neurology faculty. *Arch Neurol.* 2011 Aug;68(8):999-1004. doi: 10.1001/archneurol.2011.67. Epub 2011 Apr 11. PubMed PMID: 21482917.

1171: Han X, Tong J, Zhang J, Farahvar A, Wang E, Yang J, Samadani U, Smith DH, Huang JH. Imipramine treatment improves cognitive outcome associated with enhanced hippocampal neurogenesis after traumatic brain injury in mice. *J Neurotrauma.* 2011 Jun;28(6):995-1007. doi: 10.1089/neu.2010.1563. Epub 2011 May 12. PubMed PMID: 21463148; PubMed Central PMCID: PMC3113418.

1172: Winkler EA, Bell RD, Zlokovic BV. Lack of Smad or Notch leads to a fatal game of brain pericyte hopscotch. *Dev Cell.* 2011 Mar 15;20(3):279-80. doi: 10.1016/j.devcel.2011.03.002. PubMed PMID: 21397835.

1173: Roditi RE, Crane BT. Epidermoid cyst of the zygomatic root. *Otol Neurotol.* 2012 Jan;33(1):e1-2. doi: 10.1097/MAO.0b013e3182138a03. PubMed PMID: 21389899.

1174: Gewirtz JR, Bisognano JD. Catheter-based renal sympathetic denervation: a targeted approach to resistant hypertension. *Cardiol J.* 2011;18(1):97-102. Review. PubMed PMID: 21305496.

1175: Farahvar A, Huang JH, Papadakos PJ. Intracranial monitoring in traumatic brain injury. *Curr Opin Anaesthesiol.* 2011 Apr;24(2):209-13. doi: 10.1097/ACO.0b013e328344016d. Review. PubMed PMID: 21293266.

1176: Guo H, Barrett TM, Zhong Z, Fernández JA, Griffin JH, Freeman RS, Zlokovic BV. Protein S blocks the extrinsic apoptotic cascade in tissue plasminogen activator/N-methyl D-aspartate-treated neurons via Tyro3-Akt-FKHLR1 signaling pathway. *Mol Neurodegener.* 2011 Feb 3;6:13. doi: 10.1186/1750-1326-6-13. PubMed PMID: 21291561; PubMed Central PMCID: PMC3042387.

1177: Dhakal S, Corbin KS, Milano MT, Philip A, Sahasrabudhe D, Jones C, Constine LS. Stereotactic body radiotherapy for pulmonary metastases from soft-tissue sarcomas: excellent local lesion control and improved patient survival. *Int J Radiat Oncol Biol Phys.* 2012 Feb 1;82(2):940-5. doi: 10.1016/j.ijrobp.2010.11.052. Epub 2011 Jan 27. PubMed PMID: 21277105.

1178: Farahvar A, Gerber LM, Chiu YL, Härtl R, Froelich M, Carney N, Ghajar J. Response to intracranial hypertension treatment as a predictor of death in patients with severe traumatic brain injury. *J Neurosurg.* 2011 May;114(5):1471-8. doi: 10.3171/2010.11.JNS101116. Epub 2011 Jan 7. Erratum in: *J Neurosurg.* 2011 Jul;115(1):191. Froelich, Matteus [added]. PubMed PMID: 21214327.

1179: Thrane AS, Rappold PM, Fujita T, Torres A, Bekar LK, Takano T, Peng W, Wang F, Rangroo Thrane V, Enger R, Haj-Yasein NN, Skare Ø, Holen T, Klungland A, Ottersen OP, Nedergaard M, Nagelhus EA. Critical role of aquaporin-4 (AQP4) in astrocytic Ca²⁺ signaling events elicited by cerebral edema. *Proc Natl Acad Sci U S A.* 2011 Jan 11;108(2):846-51. doi: 10.1073/pnas.1015217108. Epub 2010 Dec 27. PubMed PMID: 21187412; PubMed Central PMCID: PMC3021020.

1180: Lowery RL, Majewska AK. Intracranial injection of adeno-associated viral vectors. *J Vis Exp.* 2010 Nov 17;(45). pii: 2140. doi: 10.3791/2140. PubMed PMID: 21113119; PubMed Central PMCID: PMC3159586.

1181: Zhong Z, Wang Y, Guo H, Sagare A, Fernández JA, Bell RD, Barrett TM, Griffin JH, Freeman RS,

Zlokovic BV. Protein S protects neurons from excitotoxic injury by activating the TAM receptor Tyro3-phosphatidylinositol 3-kinase-Akt pathway through its sex hormone-binding globulin-like region. *J Neurosci.* 2010 Nov 17;30(46):15521-34. doi: 10.1523/JNEUROSCI.4437-10.2010. PubMed PMID: 21084607; PubMed Central PMCID: PMC3012432.

1182: Bell RD, Winkler EA, Sagare AP, Singh I, LaRue B, Deane R, Zlokovic BV. Pericytes control key neurovascular functions and neuronal phenotype in the adult brain and during brain aging. *Neuron.* 2010 Nov 4;68(3):409-27. doi: 10.1016/j.neuron.2010.09.043. PubMed PMID: 21040844; PubMed Central PMCID: PMC3056408.

1183: Marks WJ Jr, Bartus RT, Siffert J, Davis CS, Lozano A, Boulis N, Vitek J, Stacy M, Turner D, Verhagen L, Bakay R, Watts R, Guthrie B, Jankovic J, Simpson R, Tagliati M, Alterman R, Stern M, Baltuch G, Starr PA, Larson PS, Ostrem JL, Nutt J, Kieburtz K, Kordower JH, Olanow CW. Gene delivery of AAV2-neurturin for Parkinson's disease: a double-blind, randomised, controlled trial. *Lancet Neurol.* 2010 Dec;9(12):1164-1172. doi: 10.1016/S1474-4422(10)70254-4. Epub 2010 Oct 20. PubMed PMID: 20970382.

1184: Petraglia AL, Moravan MJ, Marky AH, Silberstein HJ. Delayed sub-aponeurotic fluid collections in infancy: Three cases and a review of the literature. *Surg Neurol Int.* 2010 Jul 21;1. pii: 34. doi: 10.4103/2152-7806.66622. PubMed PMID: 20847915; PubMed Central PMCID: PMC2940094.

1185: Winkler EA, Bell RD, Zlokovic BV. Pericyte-specific expression of PDGF beta receptor in mouse models with normal and deficient PDGF beta receptor signaling. *Mol Neurodegener.* 2010 Aug 25;5:32. doi: 10.1186/1750-1326-5-32. PubMed PMID: 20738866; PubMed Central PMCID: PMC2936891.

1186: Markman JD. Bundle up: it's painful out there-the case for opioid-acetaminophen combinations. *Clin Pharmacol Ther.* 2010 Sep;88(3):292-4. doi: 10.1038/clpt.2010.153. PubMed PMID: 20725076.

1187: Petraglia AL, Srinivasan V, Coriddi M, Whitbeck MG, Maxwell JT, Silberstein HJ. Cervical laminoplasty as a management option for patients with cervical spondylotic myelopathy: a series of 40 patients. *Neurosurgery.* 2010 Aug;67(2):272-7. doi: 10.1227/01.NEU.0000371981.83022.B1. PubMed PMID: 20644412.

1188: Kelly AG, Holloway RG. Health state preferences and decision-making after malignant middle cerebral artery infarctions. *Neurology.* 2010 Aug 24;75(8):682-7. doi: 10.1212/WNL.0b013e3181eee273. Epub 2010 Jul 14. PubMed PMID: 20631343; PubMed Central PMCID: PMC2931648.

1189: Perlmutter DH, Petraglia AL, Barbano R, Schwall JM. Microvascular decompression in patient with atypical features of hemifacial spasm secondary to compression by a tortuous vertebrobasilar system: case report. *Neurosurgery.* 2010 Jun;66(6):E1212; discussion E1212. doi: 10.1227/01.NEU.0000369518.49077.D7. PubMed PMID: 20495395.

1190: Holloway RG, Ladwig S, Robb J, Kelly A, Nielsen E, Quill TE. Palliative care consultations in hospitalized stroke patients. *J Palliat Med.* 2010 Apr;13(4):407-12. doi: 10.1089/jpm.2009.0278. PubMed PMID: 20384501; PubMed Central PMCID: PMC2938896.

1191: Zhu D, Wang Y, Singh I, Bell RD, Deane R, Zhong Z, Sagare A, Winkler EA, Zlokovic BV. Protein S controls hypoxic/ischemic blood-brain barrier disruption through the TAM receptor Tyro3 and sphingosine 1-phosphate receptor. *Blood.* 2010 Jun 10;115(23):4963-72. doi: 10.1182/blood-2010-01-262386. Epub 2010 Mar 26. PubMed PMID: 20348395; PubMed Central PMCID: PMC2890172.

- 1192: Shon YM, Lee KH, Goerss SJ, Kim IY, Kimble C, Van Gompel JJ, Bennet K, Blaha CD, Chang SY. High frequency stimulation of the subthalamic nucleus evokes striatal dopamine release in a large animal model of human DBS neurosurgery. *Neurosci Lett.* 2010 May 21;475(3):136-40. doi: 10.1016/j.neulet.2010.03.060. Epub 2010 Mar 27. PubMed PMID: 20347936; PubMed Central PMCID: PMC2874873.
- 1193: Chen H, Lohr F, Fritz P, Wenz F, Dobler B, Lorenz F, Mühlnickel W. Stereotactic, single-dose irradiation of lung tumors: a comparison of absolute dose and dose distribution between pencil beam and Monte Carlo algorithms based on actual patient CT scans. *Int J Radiat Oncol Biol Phys.* 2010 Nov 1;78(3):955-63. doi: 10.1016/j.ijrobp.2009.08.012. Epub 2010 Feb 18. PubMed PMID: 20171796.
- 1194: Caporossi A, Mazzotta C, Baiocchi S, Caporossi T. Long-term results of riboflavin ultraviolet a corneal collagen cross-linking for keratoconus in Italy: the Siena eye cross study. *Am J Ophthalmol.* 2010 Apr;149(4):585-93. doi: 10.1016/j.ajo.2009.10.021. Epub 2010 Feb 6. PubMed PMID: 20138607.
- 1195: Tremere LA, Terleph TA, Jeong JK, Pinaud R. Bilateral multielectrode neurophysiological recordings coupled to local pharmacology in awake songbirds. *Nat Protoc.* 2010 Feb;5(2):191-200. doi: 10.1038/nprot.2009.224. Epub 2010 Jan 14. PubMed PMID: 20134418.
- 1196: Liu Y, Carson-Walter EB, Cooper A, Winans BN, Johnson MD, Walter KA. Vascular gene expression patterns are conserved in primary and metastatic brain tumors. *J Neurooncol.* 2010 Aug;99(1):13-24. doi: 10.1007/s11060-009-0105-0. Epub 2010 Jan 9. PubMed PMID: 20063114; PubMed Central PMCID: PMC2904485.
- 1197: Nedergaard M, Rodríguez JJ, Verkhratsky A. Glial calcium and diseases of the nervous system. *Cell Calcium.* 2010 Feb;47(2):140-9. doi: 10.1016/j.ceca.2009.11.010. Epub 2009 Dec 31. Review. PubMed PMID: 20045186.
- 1198: Petraglia AL, Marky AH, Walker C, Thiagarajan M, Zlokovic BV. Activated protein C is neuroprotective and mediates new blood vessel formation and neurogenesis after controlled cortical impact. *Neurosurgery.* 2010 Jan;66(1):165-71; discussion 171-2. doi: 10.1227/01.NEU.0000363148.49779.68. PubMed PMID: 20023547; PubMed Central PMCID: PMC2800370.
- 1199: Carson-Walter EB, Winans BN, Whiteman MC, Liu Y, Jarvela S, Haapasalo H, Tyler BM, Huso DL, Johnson MD, Walter KA. Characterization of TEM1/endosialin in human and murine brain tumors. *BMC Cancer.* 2009 Nov 30;9:417. doi: 10.1186/1471-2407-9-417. PubMed PMID: 19948061; PubMed Central PMCID: PMC2793264.
- 1200: Schmidt NR, Donofrio JA, England DA, McDonald LB, Motyka CL, Mileto LA. Extended-release epidural morphine vs continuous peripheral nerve block for management of postoperative pain after orthopedic knee surgery: a retrospective study. *AANA J.* 2009 Oct;77(5):349-54. PubMed PMID: 19911644.
- 1201: Johnson MD, O'Connell MJ, Vito F, Pilcher W. Bone morphogenetic protein 4 and its receptors are expressed in the leptomeninges and meningiomas and signal via the Smad pathway. *J Neuropathol Exp Neurol.* 2009 Nov;68(11):1177-83. doi: 10.1097/NEN.0b013e3181bc6642. PubMed PMID: 19816200.
- 1202: Kaufman CB, Mink JW, Schwalb JM. Bilateral deep brain stimulation for treatment of medically refractory paroxysmal nonkinesigenic dyskinesia. *J Neurosurg.* 2010 Apr;112(4):847-50. doi: 10.3171/2009.9.JNS09454. PubMed PMID: 19799495.

- 1203: Machado A, Haber S, Sears N, Greenberg B, Malone D, Rezai A. Functional topography of the ventral striatum and anterior limb of the internal capsule determined by electrical stimulation of awake patients. *Clin Neurophysiol.* 2009 Nov;120(11):1941-1948. doi: 10.1016/j.clinph.2009.05.030. Epub 2009 Sep 24. PubMed PMID: 19781987.
- 1204: Milano MT, Katz AW, Okunieff P. Patterns of recurrence after curative-intent radiation for oligometastases confined to one organ. *Am J Clin Oncol.* 2010 Apr;33(2):157-63. doi: 10.1097/COC.0b013e3181979238. PubMed PMID: 19770627.
- 1205: Peng W, Cotrina ML, Han X, Yu H, Bekar L, Blum L, Takano T, Tian GF, Goldman SA, Nedergaard M. Systemic administration of an antagonist of the ATP-sensitive receptor P2X7 improves recovery after spinal cord injury. *Proc Natl Acad Sci U S A.* 2009 Jul 28;106(30):12489-93. doi: 10.1073/pnas.0902531106. Epub 2009 Jul 27. PubMed PMID: 19666625; PubMed Central PMCID: PMC2718350.
- 1206: Chawla S, Abu-Aita R, Philip A, Lundquist T, Okunieff P, Milano MT. Stereotactic radiosurgery for spinal metastases: case report and review of treatment options. *Bone.* 2009 Oct;45(4):817-21. doi: 10.1016/j.bone.2009.06.013. Epub 2009 Jun 18. Review. PubMed PMID: 19540375.
- 1207: Bigeleisen PE, Moayeri N, Groen GJ. Extraneural versus intraneuronal stimulation thresholds during ultrasound-guided supraclavicular block. *Anesthesiology.* 2009 Jun;110(6):1235-43. doi: 10.1097/ALN.0b013e3181a59891. PubMed PMID: 19417603.
- 1208: Milano MT, Chen Y, Katz AW, Philip A, Schell MC, Okunieff P. Central thoracic lesions treated with hypofractionated stereotactic body radiotherapy. *Radiother Oncol.* 2009 Jun;91(3):301-6. doi: 10.1016/j.radonc.2009.03.005. Epub 2009 Mar 28. PubMed PMID: 19329210.
- 1209: Dipaola CP, Bible JE, Biswas D, Dipaola M, Grauer JN, Rechtine GR. Survey of spine surgeons on attitudes regarding osteoporosis and osteomalacia screening and treatment for fractures, fusion surgery, and pseudoarthrosis. *Spine J.* 2009 Jul;9(7):537-44. doi: 10.1016/j.spinee.2009.02.005. Epub 2009 Mar 28. PubMed PMID: 19328744.
- 1210: Guo H, Singh I, Wang Y, Deane R, Barrett T, Fernández JA, Chow N, Griffin JH, Zlokovic BV. Neuroprotective activities of activated protein C mutant with reduced anticoagulant activity. *Eur J Neurosci.* 2009 Mar;29(6):1119-30. doi: 10.1111/j.1460-9568.2009.06664.x. PubMed PMID: 19302148; PubMed Central PMCID: PMC2692517.
- 1211: Biswas T, Okunieff P, Schell MC, Smudzin T, Pilcher WH, Bakos RS, Vates GE, Walter KA, Wensel A, Korones DN, Milano MT. Stereotactic radiosurgery for glioblastoma: retrospective analysis. *Radiat Oncol.* 2009 Mar 17;4:11. doi: 10.1186/1748-717X-4-11. PubMed PMID: 19292912; PubMed Central PMCID: PMC2662864.
- 1212: Blyth BJ, Farhavar A, Gee C, Hawthorn B, He H, Nayak A, Stöcklein V, Bazarian JJ. Validation of serum markers for blood-brain barrier disruption in traumatic brain injury. *J Neurotrauma.* 2009 Sep;26(9):1497-1507. doi: 10.1089/neu.2008-0738. PubMed PMID: 19257803; PubMed Central PMCID: PMC2822805.
- 1213: Chawla S, Chen Y, Katz AW, Muhs AG, Philip A, Okunieff P, Milano MT. Stereotactic body radiotherapy for treatment of adrenal metastases. *Int J Radiat Oncol Biol Phys.* 2009 Sep 1;75(1):71-5. doi: 10.1016/j.ijrobp.2008.10.079. Epub 2009 Feb 26. PubMed PMID: 19250766.
- 1214: Huang JH, Cullen DK, Browne KD, Groff R, Zhang J, Pfister BJ, Zager EL, Smith DH. Long-term survival and integration of transplanted engineered nervous tissue constructs promotes peripheral

nerve regeneration. *Tissue Eng Part A*. 2009 Jul;15(7):1677-85. doi: 10.1089/ten.tea.2008.0294. PubMed PMID: 19231968; PubMed Central PMCID: PMC2792099.

1215: Schieber MH, Lang CE, Reilly KT, McNulty P, Sirigu A. Selective activation of human finger muscles after stroke or amputation. *Adv Exp Med Biol*. 2009;629:559-75. doi: 10.1007/978-0-387-77064-2_30. Review. PubMed PMID: 19227521; PubMed Central PMCID: PMC2712614.

1216: Haitsma JJ, Lachmann B, Papadakos PJ. Additives in intravenous anesthesia modulate pulmonary inflammation in a model of LPS-induced respiratory distress. *Acta Anaesthesiol Scand*. 2009 Feb;53(2):176-82. doi: 10.1111/j.1399-6576.2008.01844.x. PubMed PMID: 19175577.

1217: Guo H, Wang Y, Singh I, Liu D, Fernández JA, Griffin JH, Chow N, Zlokovic BV. Species-dependent neuroprotection by activated protein C mutants with reduced anticoagulant activity. *J Neurochem*. 2009 Apr;109(1):116-24. doi: 10.1111/j.1471-4159.2009.05921.x. Epub 2009 Jan 23. PubMed PMID: 19166505; PubMed Central PMCID: PMC2692505.

1218: Takano T, Nedergaard M. Deciphering migraine. *J Clin Invest*. 2009 Jan;119(1):16-9. doi: 10.1172/JCI38051. PubMed PMID: 19104145; PubMed Central PMCID: PMC2613455.

1219: Takano T, Oberheim N, Cotrina ML, Nedergaard M. Astrocytes and ischemic injury. *Stroke*. 2009 Mar;40(3 Suppl):S8-12. doi: 10.1161/STROKEAHA.108.533166. Epub 2008 Dec 8. Review. PubMed PMID: 19064795; PubMed Central PMCID: PMC2653262.

1220: Wang Y, Thiagarajan M, Chow N, Singh I, Guo H, Davis TP, Zlokovic BV. Differential neuroprotection and risk for bleeding from activated protein C with varying degrees of anticoagulant activity. *Stroke*. 2009 May;40(5):1864-9. doi: 10.1161/STROKEAHA.108.536680. Epub 2008 Dec 4. PubMed PMID: 19057019; PubMed Central PMCID: PMC2691176.

1221: Deane R, Sagare A, Hamm K, Parisi M, Lane S, Finn MB, Holtzman DM, Zlokovic BV. apoE isoform-specific disruption of amyloid beta peptide clearance from mouse brain. *J Clin Invest*. 2008 Dec;118(12):4002-13. doi: 10.1172/JCI36663. Epub 2008 Nov 13. PubMed PMID: 19033669; PubMed Central PMCID: PMC2582453.

1222: Camilleri M, Toouli J, Herrera MF, Kow L, Pantoja JP, Billington CJ, Tweden KS, Wilson RR, Moody FG. Selection of electrical algorithms to treat obesity with intermittent vagal block using an implantable medical device. *Surg Obes Relat Dis*. 2009 Mar-Apr;5(2):224-9; discussion 229-30. doi: 10.1016/j.soard.2008.09.006. Epub 2008 Sep 12. PubMed PMID: 18996767.

1223: Deane R, LaRue B, Sagare AP, Castellino FJ, Zhong Z, Zlokovic BV. Endothelial protein C receptor-assisted transport of activated protein C across the mouse blood-brain barrier. *J Cereb Blood Flow Metab*. 2009 Jan;29(1):25-33. doi: 10.1038/jcbfm.2008.117. Epub 2008 Oct 8. PubMed PMID: 18841163; PubMed Central PMCID: PMC2895315.

1224: Wang X, Takano T, Nedergaard M. Astrocytic calcium signaling: mechanism and implications for functional brain imaging. *Methods Mol Biol*. 2009;489:93-109. doi: 10.1007/978-1-59745-543-5_5. Review. PubMed PMID: 18839089; PubMed Central PMCID: PMC3638986.

1225: Pollock BE, Flickinger JC. Modification of the radiosurgery-based arteriovenous malformation grading system. *Neurosurgery*. 2008 Aug;63(2):239-43; discussion 243. doi: 10.1227/01.NEU.0000315861.24920.92. PubMed PMID: 18797353.

1226: Milano MT, Philip A, Okunieff P. Analysis of patients with oligometastases undergoing two or

- more curative-intent stereotactic radiotherapy courses. *Int J Radiat Oncol Biol Phys.* 2009 Mar 1;73(3):832-7. doi: 10.1016/j.ijrobp.2008.04.073. Epub 2008 Aug 28. PubMed PMID: 18760543.
- 1227: Shprecher D, Schwalb J, Kurlan R. Normal pressure hydrocephalus: diagnosis and treatment. *Curr Neurol Neurosci Rep.* 2008 Sep;8(5):371-6. Review. PubMed PMID: 18713572; PubMed Central PMCID: PMC2674287.
- 1228: Elfar JC, Jacobson JA, Puzas JE, Rosier RN, Zuscik MJ. Erythropoietin accelerates functional recovery after peripheral nerve injury. *J Bone Joint Surg Am.* 2008 Aug;90(8):1644-53. doi: 10.2106/JBJS.G.00557. PubMed PMID: 18676893; PubMed Central PMCID: PMC4470043.
- 1229: Todman D. Henry Woltman (1889-1964): pioneering American neurologist. *J Med Biogr.* 2008 Aug;16(3):162-6. doi: 10.1258/jmb.2007.007015. PubMed PMID: 18653836.
- 1230: Cotrina ML, Lin JH, Nedergaard M. Adhesive properties of connexin hemichannels. *Glia.* 2008 Dec;56(16):1791-8. doi: 10.1002/glia.20728. PubMed PMID: 18649405; PubMed Central PMCID: PMC2577568.
- 1231: Mentrikoski M, Johnson MD, Korones DN, Scott GA. Glioblastoma multiforme in skin: a report of 2 cases and review of the literature. *Am J Dermatopathol.* 2008 Aug;30(4):381-4. doi: 10.1097/DAD.0b013e31817532c4. PubMed PMID: 18645311.
- 1232: Goldman SA, Schanz S, Windrem MS. Stem cell-based strategies for treating pediatric disorders of myelin. *Hum Mol Genet.* 2008 Apr 15;17(R1):R76-83. doi: 10.1093/hmg/ddn052. Review. PubMed PMID: 18632701.
- 1233: Zlokovic BV. New therapeutic targets in the neurovascular pathway in Alzheimer's disease. *Neurotherapeutics.* 2008 Jul;5(3):409-14. doi: 10.1016/j.nurt.2008.05.011. Review. PubMed PMID: 18625452; PubMed Central PMCID: PMC2536515.
- 1234: Krishnan AP, Asher IM, Davis D, Okunieff P, O'Dell WG. Evidence that MR diffusion tensor imaging (tractography) predicts the natural history of regional progression in patients irradiated conformally for primary brain tumors. *Int J Radiat Oncol Biol Phys.* 2008 Aug 1;71(5):1553-62. doi: 10.1016/j.ijrobp.2008.04.017. Epub 2008 Jun 4. PubMed PMID: 18538491.
- 1235: Reid PJ, Campbell SS, Vates GE, Allende R. Extreme de novo appearance of cerebral cavernous malformations: case report. *Neurosurgery.* 2008 Apr;62(4):E969-70; discussion E970. doi: 10.1227/01.neu.0000318184.25783.b9. PubMed PMID: 18496164.
- 1236: Milano MT, Katz AW, Schell MC, Philip A, Okunieff P. Descriptive analysis of oligometastatic lesions treated with curative-intent stereotactic body radiotherapy. *Int J Radiat Oncol Biol Phys.* 2008 Dec 1;72(5):1516-22. doi: 10.1016/j.ijrobp.2008.03.044. Epub 2008 May 19. PubMed PMID: 18495378.
- 1237: Markman JD, Gaud KG. Lumbar spinal stenosis in older adults: current understanding and future directions. *Clin Geriatr Med.* 2008 May;24(2):369-88, viii. doi: 10.1016/j.cger.2007.12.007. Review. PubMed PMID: 18387461.
- 1238: Bekar LK, He W, Nedergaard M. Locus coeruleus alpha-adrenergic-mediated activation of cortical astrocytes in vivo. *Cereb Cortex.* 2008 Dec;18(12):2789-95. doi: 10.1093/cercor/bhn040. Epub 2008 Mar 27. PubMed PMID: 18372288; PubMed Central PMCID: PMC2583159.
- 1239: Oberheim NA, Tian GF, Han X, Peng W, Takano T, Ransom B, Nedergaard M. Loss of astrocytic domain organization in the epileptic brain. *J Neurosci.* 2008 Mar 26;28(13):3264-76. doi:

10.1523/JNEUROSCI.4980-07.2008. PubMed PMID: 18367594.

1240: Zhong Z, Deane R, Ali Z, Parisi M, Shapovalov Y, O'Banion MK, Stojanovic K, Sagare A, Boillee S, Cleveland DW, Zlokovic BV. ALS-causing SOD1 mutants generate vascular changes prior to motor neuron degeneration. *Nat Neurosci.* 2008 Apr;11(4):420-2. doi: 10.1038/nn2073. Epub 2008 Mar 16. PubMed PMID: 18344992; PubMed Central PMCID: PMC2895310.

1241: Langfitt JT, Wiebe S. Early surgical treatment for epilepsy. *Curr Opin Neurol.* 2008 Apr;21(2):179-83. doi: 10.1097/WCO.0b013e3282f47931. Review. PubMed PMID: 18317277.

1242: Shue EH, Carson-Walter EB, Liu Y, Winans BN, Ali ZS, Chen J, Walter KA. Plasmalemmal vesicle associated protein-1 (PV-1) is a marker of blood-brain barrier disruption in rodent models. *BMC Neurosci.* 2008 Feb 26;9:29. doi: 10.1186/1471-2202-9-29. PubMed PMID: 18302779; PubMed Central PMCID: PMC2270280.

1243: Huang JH, Zager EL, Zhang J, Groff RF, Pfister BJ, Cohen AS, Grady MS, Maloney-Wilensky E, Smith DH. Harvested human neurons engineered as live nervous tissue constructs: implications for transplantation. *Laboratory investigation. J Neurosurg.* 2008 Feb;108(2):343-7. doi: 10.3171/JNS/2008/108/2/0343. PubMed PMID: 18240932; PubMed Central PMCID: PMC3014262.

1244: Mahvash M, König R, Wellmer J, Urbach H, Meyer B, Schaller K. Coregistration of digital photography of the human cortex and cranial magnetic resonance imaging for visualization of subdural electrodes in epilepsy surgery. *Neurosurgery.* 2007 Nov;61(5 Suppl 2):340-4; discussion 344-5. doi: 10.1227/01.neu.0000303992.87987.17. PubMed PMID: 18091249.

1245: Bekar L, Libionka W, Tian GF, Xu Q, Torres A, Wang X, Lovatt D, Williams E, Takano T, Schnermann J, Bakos R, Nedergaard M. Adenosine is crucial for deep brain stimulation-mediated attenuation of tremor. *Nat Med.* 2008 Jan;14(1):75-80. Epub 2007 Dec 23. PubMed PMID: 18157140.

1246: Reid PJ, Holman PJ. Iatrogenic pyogenic osteomyelitis of C-1 and C-2 treated with transoral decompression and delayed posterior occipitocervical arthrodesis. Case report. *J Neurosurg Spine.* 2007 Dec;7(6):664-8. PubMed PMID: 18074694.

1247: Milano MT, Katz AW, Muhs AG, Philip A, Buchholz DJ, Schell MC, Okunieff P. A prospective pilot study of curative-intent stereotactic body radiation therapy in patients with 5 or fewer oligometastatic lesions. *Cancer.* 2008 Feb 1;112(3):650-8. PubMed PMID: 18072260.

1248: Markman JD, Philip A. Interventional approaches to pain management. *Anesthesiol Clin.* 2007 Dec;25(4):883-98, viii. Review. PubMed PMID: 18054151.

1249: Feldon SE. Visual outcomes comparing surgical techniques for management of severe idiopathic intracranial hypertension. *Neurosurg Focus.* 2007;23(5):E6. Review. PubMed PMID: 18004968.

1250: Lovatt D, Sonnewald U, Waagepetersen HS, Schousboe A, He W, Lin JH, Han X, Takano T, Wang S, Sim FJ, Goldman SA, Nedergaard M. The transcriptome and metabolic gene signature of protoplasmic astrocytes in the adult murine cortex. *J Neurosci.* 2007 Nov 7;27(45):12255-66. PubMed PMID: 17989291.

1251: Dimopoulos VG, Kapsalakis IZ, Fountas KN. Skull morphology and its neurosurgical implications in the Hippocratic era. *Neurosurg Focus.* 2007;23(1):E10. Review. PubMed PMID: 17961053.

1252: Goldman SA. Disease targets and strategies for the therapeutic modulation of endogenous

neural stem and progenitor cells. *Clin Pharmacol Ther.* 2007 Oct;82(4):453-60. Epub 2007 Aug 22. Review. PubMed PMID: 17713467.

1253: Scott LL, Nordeen EJ, Nordeen KW. LMAN lesions prevent song degradation after deafening without reducing HVC neuron addition. *Dev Neurobiol.* 2007 Sep 15;67(11):1407-18. PubMed PMID: 17694506.

1254: Sagare A, Deane R, Bell RD, Johnson B, Hamm K, Pendu R, Marky A, Lenting PJ, Wu Z, Zarcone T, Goate A, Mayo K, Perlmutter D, Coma M, Zhong Z, Zlokovic BV. Clearance of amyloid-beta by circulating lipoprotein receptors. *Nat Med.* 2007 Sep;13(9):1029-31. Epub 2007 Aug 12. PubMed PMID: 17694066; PubMed Central PMCID: PMC2936449.

1255: Langfitt JT, Westerveld M, Hamberger MJ, Walczak TS, Cicchetti DV, Berg AT, Vickrey BG, Barr WB, Sperling MR, Masur D, Spencer SS. Worsening of quality of life after epilepsy surgery: effect of seizures and memory decline. *Neurology.* 2007 Jun 5;68(23):1988-94. PubMed PMID: 17548548.

1256: Halterman MW, Vates GE, Riggs G. Teaching NeuroImage: tremor in aqueductal stenosis and response to endoscopic third ventriculostomy. *Neurology.* 2007 May 8;68(19):E29-31. PubMed PMID: 17485639.

1257: Takano T, Tian GF, Peng W, Lou N, Lovatt D, Hansen AJ, Kasischke KA, Nedergaard M. Cortical spreading depression causes and coincides with tissue hypoxia. *Nat Neurosci.* 2007 Jun;10(6):754-62. Epub 2007 Apr 29. PubMed PMID: 17468748.

1258: Baglole CJ, Sigalet DL, Meddings JB. Alpha1-adrenoceptors down-regulate ClC-2 chloride channels in epithelial cells from the acutely denervated jejunum. *Eur J Pharmacol.* 2007 Jun 22;565(1-3):202-6. Epub 2007 Mar 24. PubMed PMID: 17466294.

1259: Bigeleisen PE. Ultrasound-guided infraclavicular block in an anticoagulated and anesthetized patient. *Anesth Analg.* 2007 May;104(5):1285-7, tables of contents. PubMed PMID: 17456688.

1260: Strathmann FG, Wang X, Mayer-Pröschel M. Identification of two novel glial-restricted cell populations in the embryonic telencephalon arising from unique origins. *BMC Dev Biol.* 2007 Apr 17;7:33. PubMed PMID: 17439658; PubMed Central PMCID: PMC1858687.

1261: Langfitt JT, Holloway RG, McDermott MP, Messing S, Sarosky K, Berg AT, Spencer SS, Vickrey BG, Sperling MR, Bazil CW, Shinnar S. Health care costs decline after successful epilepsy surgery. *Neurology.* 2007 Apr 17;68(16):1290-8. PubMed PMID: 17438219.

1262: Takano T, Han X, Deane R, Zlokovic B, Nedergaard M. Two-photon imaging of astrocytic Ca²⁺ signaling and the microvasculature in experimental mice models of Alzheimer's disease. *Ann N Y Acad Sci.* 2007 Feb;1097:40-50. Review. PubMed PMID: 17413008.

1263: Markman JD, Philip A. Interventional approaches to pain management. *Med Clin North Am.* 2007 Mar;91(2):271-86. Review. PubMed PMID: 17321286.

1264: Geyer P, Blank H, Evers C, Leichtner T, Alheit H. Filmless evaluation of the mechanical accuracy of the isocenter in stereotactic radiotherapy. *Strahlenther Onkol.* 2007 Feb;183(2):76-80. PubMed PMID: 17294111.

1265: Chow N, Bell RD, Deane R, Streb JW, Chen J, Brooks A, Van Nostrand W, Miano JM, Zlokovic BV. Serum response factor and myocardin mediate arterial hypercontractility and cerebral blood flow dysregulation in Alzheimer's phenotype. *Proc Natl Acad Sci U S A.* 2007 Jan 16;104(3):823-8. Epub

2007 Jan 10. PubMed PMID: 17215356; PubMed Central PMCID: PMC1783398.

1266: Moghrabi A, Friedman HS, Ashley DM, Bottom KS, Kerby T, Stewart E, Bruggers C, Provenzale JM, Champagne M, Hershon L, Watral M, Ryan J, Rasheed K, Lovell S, Korones D, Fuchs H, George T, McLendon RE, Friedman AH, Buckley E, Longee DC. Phase II study of carboplatin (CBDCA) in progressive low-grade gliomas. *Neurosurg Focus*. 1998 Apr 15;4(4):e3. PubMed PMID: 17168503.

1267: Bell RD, Sagare AP, Friedman AE, Bedi GS, Holtzman DM, Deane R, Zlokovic BV. Transport pathways for clearance of human Alzheimer's amyloid beta-peptide and apolipoproteins E and J in the mouse central nervous system. *J Cereb Blood Flow Metab*. 2007 May;27(5):909-18. Epub 2006 Nov 1. PubMed PMID: 17077814; PubMed Central PMCID: PMC2853021.

1268: Cheng T, Petraglia AL, Li Z, Thiagarajan M, Zhong Z, Wu Z, Liu D, Maggirwar SB, Deane R, Fernández JA, LaRue B, Griffin JH, Chopp M, Zlokovic BV. Activated protein C inhibits tissue plasminogen activator-induced brain hemorrhage. *Nat Med*. 2006 Nov;12(11):1278-85. Epub 2006 Oct 29. PubMed PMID: 17072311.

1269: Tian GF, Takano T, Lin JH, Wang X, Bekar L, Nedergaard M. Imaging of cortical astrocytes using 2-photon laser scanning microscopy in the intact mouse brain. *Adv Drug Deliv Rev*. 2006 Sep 15;58(7):773-87. Epub 2006 Aug 4. Review. PubMed PMID: 17045697.

1270: Okunieff P, Petersen AL, Philip A, Milano MT, Katz AW, Boros L, Schell MC. Stereotactic Body Radiation Therapy (SBRT) for lung metastases. *Acta Oncol*. 2006;45(7):808-17. PubMed PMID: 16982544.

1271: Oberheim NA, Wang X, Goldman S, Nedergaard M. Astrocytic complexity distinguishes the human brain. *Trends Neurosci*. 2006 Oct;29(10):547-53. Epub 2006 Aug 30. PubMed PMID: 16938356.

1272: Chiafery M. Care and management of the child with shunted hydrocephalus. *Pediatr Nurs*. 2006 May-Jun;32(3):222-5. Review. PubMed PMID: 16802679.

1273: Lustig LR, Yeagle J, Driscoll CL, Blevins N, Francis H, Niparko JK. Cochlear implantation in patients with neurofibromatosis type 2 and bilateral vestibular schwannoma. *Otol Neurotol*. 2006 Jun;27(4):512-8. PubMed PMID: 16791043.

1274: Wang X, Lou N, Xu Q, Tian GF, Peng WG, Han X, Kang J, Takano T, Nedergaard M. Astrocytic Ca²⁺ signaling evoked by sensory stimulation in vivo. *Nat Neurosci*. 2006 Jun;9(6):816-23. Epub 2006 May 14. PubMed PMID: 16699507.

1275: Joseph SA, Lynd-Balta E, O'Banion MK, Rappold PM, Daschner J, Allen A, Padowski J. Enhanced cyclooxygenase-2 expression in olfactory-limbic forebrain following kainate-induced seizures. *Neuroscience*. 2006 Jul 7;140(3):1051-65. Epub 2006 May 4. PubMed PMID: 16677768.

1276: Rappold PM, Lynd-Balta E, Joseph SA. P2X7 receptor immunoreactive profile confined to resting and activated microglia in the epileptic brain. *Brain Res*. 2006 May 17;1089(1):171-8. Epub 2006 Apr 25. PubMed PMID: 16635480.

1277: Rubin P, Brasacchio R, Katz A. Solitary metastases: illusion versus reality. *Semin Radiat Oncol*. 2006 Apr;16(2):120-30. Review. PubMed PMID: 16564447.

1278: Carey Sampson M, Katz A, Constine LS. Stereotactic body radiation therapy for extracranial oligometastases: does the sword have a double edge? *Semin Radiat Oncol*. 2006 Apr;16(2):67-76. Review. PubMed PMID: 16564442.

- 1279: Bazarian JJ, Blyth B, Cimpello L. Bench to bedside: evidence for brain injury after concussion-looking beyond the computed tomography scan. *Acad Emerg Med.* 2006 Feb;13(2):199-214. Epub 2006 Jan 25. Review. PubMed PMID: 16436787.
- 1280: Lim JY, Kim H, Jeun SS, Kang SG, Lee KJ. Merlin inhibits growth hormone-regulated Raf-ERKs pathways by binding to Grb2 protein. *Biochem Biophys Res Commun.* 2006 Feb 24;340(4):1151-7. Epub 2005 Dec 28. PubMed PMID: 16405865.
- 1281: Takano T, Tian GF, Peng W, Lou N, Libionka W, Han X, Nedergaard M. Astrocyte-mediated control of cerebral blood flow. *Nat Neurosci.* 2006 Feb;9(2):260-7. Epub 2005 Dec 25. PubMed PMID: 16388306.
- 1282: Deane R, Sagare A, Hamm K, Parisi M, LaRue B, Guo H, Wu Z, Holtzman DM, Zlokovic BV. IgG-assisted age-dependent clearance of Alzheimer's amyloid beta peptide by the blood-brain barrier neonatal Fc receptor. *J Neurosci.* 2005 Dec 14;25(50):11495-503. PubMed PMID: 16354907.
- 1283: Maguire-Zeiss KA, Federoff HJ. Novel gene therapeutic strategies for neurodegenerative diseases. *Ernst Schering Res Found Workshop.* 2005;(53):147-71. Review. PubMed PMID: 16315613.
- 1284: Zlokovic BV, Zhang C, Liu D, Fernandez J, Griffin JH, Chopp M. Functional recovery after embolic stroke in rodents by activated protein C. *Ann Neurol.* 2005 Sep;58(3):474-7. PubMed PMID: 16130108.
- 1285: Tian GF, Azmi H, Takano T, Xu Q, Peng W, Lin J, Oberheim N, Lou N, Wang X, Zielke HR, Kang J, Nedergaard M. An astrocytic basis of epilepsy. *Nat Med.* 2005 Sep;11(9):973-81. Epub 2005 Aug 14. PubMed PMID: 16116433; PubMed Central PMCID: PMC1850946.
- 1286: Nedergaard M, Dirnagl U. Role of glial cells in cerebral ischemia. *Glia.* 2005 Jun;50(4):281-6. Review. PubMed PMID: 15846807.
- 1287: Hsu JH, Younan D, Pandalai S, Gillespie BT, Jain RA, Schippert DW, Narins CR, Khanna A, Surowiec SM, Davies MG, Shortell CK, Rhodes JM, Waldman DL, Green RM, Illig KA. Use of computer simulation for determining endovascular skill levels in a carotid stenting model. *J Vasc Surg.* 2004 Dec;40(6):1118-25. PubMed PMID: 15622365.
- 1288: Okunieff P, Schell MC, Ruo R, Hale ER, O'Dell WG, Pilcher W. Long-term management of patients with multiple brain metastases after shaped beam radiosurgery. Case report and review of the literature. *J Neurosurg.* 2004 Nov;101 Suppl 3:406-12. Review. PubMed PMID: 15537197.
- 1289: Liu D, Cheng T, Guo H, Fernández JA, Griffin JH, Song X, Zlokovic BV. Tissue plasminogen activator neurovascular toxicity is controlled by activated protein C. *Nat Med.* 2004 Dec;10(12):1379-83. Epub 2004 Oct 31. PubMed PMID: 15516929.
- 1290: LaRue B, Hogg E, Sagare A, Jovanovic S, Maness L, Maurer C, Deane R, Zlokovic BV. Method for measurement of the blood-brain barrier permeability in the perfused mouse brain: application to amyloid-beta peptide in wild type and Alzheimer's Tg2576 mice. *J Neurosci Methods.* 2004 Sep 30;138(1-2):233-42. PubMed PMID: 15325132.
- 1291: Deane R, Wu Z, Sagare A, Davis J, Du Yan S, Hamm K, Xu F, Parisi M, LaRue B, Hu HW, Spijkers P, Guo H, Song X, Lenting PJ, Van Nostrand WE, Zlokovic BV. LRP/amyloid beta-peptide interaction mediates differential brain efflux of Abeta isoforms. *Neuron.* 2004 Aug 5;43(3):333-44. PubMed PMID: 15294142.
- 1292: Wang X, Arcuino G, Takano T, Lin J, Peng WG, Wan P, Li P, Xu Q, Liu QS, Goldman SA,

- Nedergaard M. P2X7 receptor inhibition improves recovery after spinal cord injury. *Nat Med.* 2004 Aug;10(8):821-7. Epub 2004 Jul 18. PubMed PMID: 15258577.
- 1293: Bigeleisen PE. The bifid axillary artery. *J Clin Anesth.* 2004 May;16(3):224-5. PubMed PMID: 15217666.
- 1294: Friedman DI, Jacobson DM. Idiopathic intracranial hypertension. *J Neuroophthalmol.* 2004 Jun;24(2):138-45. Review. PubMed PMID: 15179068.
- 1295: Lynd-Balta E, Pilcher WH, Joseph SA. AMPA receptor alterations precede mossy fiber sprouting in young children with temporal lobe epilepsy. *Neuroscience.* 2004;126(1):105-14. PubMed PMID: 15145077.
- 1296: Deane R, Zheng W, Zlokovic BV. Brain capillary endothelium and choroid plexus epithelium regulate transport of transferrin-bound and free iron into the rat brain. *J Neurochem.* 2004 Feb;88(4):813-20. PubMed PMID: 14756801; PubMed Central PMCID: PMC3980859.
- 1297: Dombovy ML. Understanding stroke recovery and rehabilitation: current and emerging approaches. *Curr Neurol Neurosci Rep.* 2004 Jan;4(1):31-5. Review. PubMed PMID: 14683625.
- 1298: Bigeleisen PE. Anatomical variations of the phrenic nerve and its clinical implication for supraclavicular block. *Br J Anaesth.* 2003 Dec;91(6):916-7. PubMed PMID: 14633767.
- 1299: Wu Z, Hofman FM, Zlokovic BV. A simple method for isolation and characterization of mouse brain microvascular endothelial cells. *J Neurosci Methods.* 2003 Nov 30;130(1):53-63. PubMed PMID: 14583404.
- 1300: Biswas T, Sandhu AP, Singh DP, Schell MC, Maciunas RJ, Bakos RS, Muhs AG, Okunieff P. Low-dose radiosurgery for benign intracranial lesions. *Am J Clin Oncol.* 2003 Aug;26(4):325-31. PubMed PMID: 12902878.
- 1301: Deane R, Du Yan S, Submamaryan RK, LaRue B, Jovanovic S, Hogg E, Welch D, Manness L, Lin C, Yu J, Zhu H, Ghiso J, Frangione B, Stern A, Schmidt AM, Armstrong DL, Arnold B, Liliensiek B, Nawroth P, Hofman F, Kindy M, Stern D, Zlokovic B. RAGE mediates amyloid-beta peptide transport across the blood-brain barrier and accumulation in brain. *Nat Med.* 2003 Jul;9(7):907-13. PubMed PMID: 12808450.
- 1302: Balsiger BM, He CL, Zyromski NJ, Sarr MG. Neuronal adrenergic and muscular cholinergic contractile hypersensitivity in canine jejunum after extrinsic denervation. *J Gastrointest Surg.* 2003 May-Jun;7(4):572-582. doi: 10.1016/S1091-255X(02)00154-3. PubMed PMID: 12763419.
- 1303: Moss AJ. Long QT Syndrome. *JAMA.* 2003 Apr 23-30;289(16):2041-4. Review. PubMed PMID: 12709446.
- 1304: Hurley SD, Coleman PD. Facial nerve axotomy in aged and young adult rats: analysis of the glial response. *Neurobiol Aging.* 2003 May-Jun;24(3):511-8. PubMed PMID: 12600726.
- 1305: Dömötör E, Benzakour O, Griffin JH, Yule D, Fukudome K, Zlokovic BV. Activated protein C alters cytosolic calcium flux in human brain endothelium via binding to endothelial protein C receptor and activation of protease activated receptor-1. *Blood.* 2003 Jun 15;101(12):4797-801. Epub 2003 Feb 13. PubMed PMID: 12586611.
- 1306: Cheng T, Liu D, Griffin JH, Fernández JA, Castellino F, Rosen ED, Fukudome K, Zlokovic BV.

- Activated protein C blocks p53-mediated apoptosis in ischemic human brain endothelium and is neuroprotective. *Nat Med.* 2003 Mar;9(3):338-42. Epub 2003 Feb 3. PubMed PMID: 12563316.
- 1307: Tomlin JM, Alleyne CH. Transdural metastasis from adenocarcinoma of the prostate mimicking subdural hematoma: case report. *Surg Neurol.* 2002 Nov;58(5):329-31; discussion 331. PubMed PMID: 12504300.
- 1308: Callahan TA, Moynihan JA. Contrasting pattern of cytokines in antigen- versus mitogen-stimulated splenocyte cultures from chemically denervated mice. *Brain Behav Immun.* 2002 Dec;16(6):764-73. PubMed PMID: 12480505.
- 1309: Zlokovic BV. Vascular disorder in Alzheimer's disease: role in pathogenesis of dementia and therapeutic targets. *Adv Drug Deliv Rev.* 2002 Dec 7;54(12):1553-9. Review. PubMed PMID: 12453672.
- 1310: Tomaino MM. Complete sciatic nerve palsy after open femur fracture: successful treatment with neurolysis 6 months after injury. *Am J Orthop (Belle Mead NJ).* 2002 Oct;31(10):585-8. PubMed PMID: 12405565.
- 1311: Tomaino MM. Neurophysiologic and clinical outcome following medial pectoral to long thoracic nerve transfer for scapular winging: a case report. *Microsurgery.* 2002;22(6):254-7. PubMed PMID: 12375292.
- 1312: Cowdery SR, Preston DC, Herrmann DN, Logigian EL. Electrodiagnosis of ulnar neuropathy at the wrist: conduction block versus traditional tests. *Neurology.* 2002 Aug 13;59(3):420-7. PubMed PMID: 12177377.
- 1313: Eichel L, Allende R, Mevorach RA, Hulbert WC, Rabinowitz R. Bladder calculus formation and urinary retention secondary to perforation of a normal bladder by a ventriculoperitoneal shunt. *Urology.* 2002 Aug;60(2):344. PubMed PMID: 12137842.
- 1314: Kovach SJ, Hendrickson RJ, Cappadona CR, Schmidt CM, Groen K, Koniaris LG, Sitzmann JV. Cryoablation of unresectable pancreatic cancer. *Surgery.* 2002 Apr;131(4):463-4. PubMed PMID: 11935137.
- 1315: Kelley SP, Moynihan JA, Stevens SY, Grota LJ, Felten DL. Chemical sympathectomy has no effect on the severity of murine AIDS: murine AIDS alone depletes norepinephrine levels in infected spleen. *Brain Behav Immun.* 2002 Apr;16(2):118-39. PubMed PMID: 11908922.
- 1316: Illig KA, Sternbach Y, Zhang R, Burchfiel J, Shortell CK, Rhodes JM, Davies MG, Lyden SP, Green RM. EEG changes during awake carotid endarterectomy. *Ann Vasc Surg.* 2002 Jan;16(1):6-11. Epub 2002 Jan 16. PubMed PMID: 11904797.
- 1317: Kamiryo T, Cappell J, Kronberg E, Woo HH, Jafar JJ, Llinás RR, Nelson PK. Interactive use of cerebral angiography and magnetoencephalography in arteriovenous malformations: technical note. *Neurosurgery.* 2002 Apr;50(4):903-10; discussion 910-1. PubMed PMID: 11904049.
- 1318: Joseph SA, Lynd-Balta E. Evidence for an anatomical substrate of hyperexcitability in human temporal lobe epilepsy: glutamate receptor alterations and reorganized circuitry. *Funct Neurol.* 2001 Oct-Dec;16(4):347-65. Review. PubMed PMID: 11853326.
- 1319: Dietrich J, Easterday MC. Developing concepts in neural stem cells. *Trends Neurosci.* 2002 Mar;25(3):129-31. PubMed PMID: 11852138.

- 1320: Benardete EA, Leonard MA, Weiner HL. Comparison of frameless stereotactic systems: accuracy, precision, and applications. *Neurosurgery*. 2001 Dec;49(6):1409-15; discussion 1415-6. PubMed PMID: 11846941.
- 1321: Rice PA, Boehm GW, Moynihan JA, Bellinger DL, Stevens SY. Chemical sympathectomy alters numbers of splenic and peritoneal leukocytes. *Brain Behav Immun*. 2002 Feb;16(1):62-73. PubMed PMID: 11846441.
- 1322: Raffo S, Rubio A, Rodenhouse TG, Patel U, Bonfigilo T, Powers JM. September 2001: 51-year-old man with seizures since childhood. *Brain Pathol*. 2002 Jan;12(1):137-9. PubMed PMID: 11770898.
- 1323: Chiu C, Weliky M. Spontaneous activity in developing ferret visual cortex in vivo. *J Neurosci*. 2001 Nov 15;21(22):8906-14. PubMed PMID: 11698602.
- 1324: Logigian EL, Soriano SG, Herrmann DN, Madsen JR. Gentle dorsal root retraction and dissection can cause areflexia: implications for intraoperative monitoring during "selective" partial dorsal rhizotomy. *Muscle Nerve*. 2001 Oct;24(10):1352-8. PubMed PMID: 11562916.
- 1325: Liptak GS, Bolander HM, Langworthy K. Screening for ventricular shunt function in children with hydrocephalus secondary to meningomyelocele. *Pediatr Neurosurg*. 2001 Jun;34(6):281-5. PubMed PMID: 11455227.
- 1326: Rohlfing T, West JB, Beier J, Liebig T, Taschner CA, Thomale UW. Registration of functional and anatomical MRI: accuracy assessment and application in navigated neurosurgery. *Comput Aided Surg*. 2000;5(6):414-25. PubMed PMID: 11295854.
- 1327: Schieber MH, Gardinier J, Liu J. Tension distribution to the five digits of the hand by neuromuscular compartments in the macaque flexor digitorum profundus. *J Neurosci*. 2001 Mar 15;21(6):2150-8. PubMed PMID: 11245699.
- 1328: Rice PA, Boehm GW, Moynihan JA, Bellinger DL, Stevens SY. Chemical sympathectomy increases the innate immune response and decreases the specific immune response in the spleen to infection with *Listeria monocytogenes*. *J Neuroimmunol*. 2001 Mar 1;114(1-2):19-27. PubMed PMID: 11240011.
- 1329: Litman RS. Anesthesia and analgesia for newborn circumcision. *Obstet Gynecol Surv*. 2001 Feb;56(2):114-7. PubMed PMID: 11219591.
- 1330: Alleyne CH Jr, Numaguchi Z, Wang HZ. Transarterial Embolisation of Dural Arteriovenous Fistula Involving an Isolated Segment of the Superior Petrosal Sinus. A Case report. *Interv Neuroradiol*. 2000 Dec 22;6(4):337-41. Epub 2001 May 15. PubMed PMID: 20667214; PubMed Central PMCID: PMC3679709.
- 1331: Sterling CR, Tank AW. Adrenal tyrosine hydroxylase activity and gene expression are increased by intraventricular administration of nicotine. *J Pharmacol Exp Ther*. 2001 Jan;296(1):15-21. PubMed PMID: 11123357.
- 1332: Vishteh AG, Alleyne CH Jr, Spetzler RF. Therapeutic carotid occlusion: the case for prophylactic bypass. *Clin Neurosurg*. 2000;46:339-50. Review. PubMed PMID: 10944688.
- 1333: Richardson MG. Regional anesthesia for obstetrics. *Anesthesiol Clin North America*. 2000 Jun;18(2):383-406. Review. PubMed PMID: 10935016.

- 1334: Maurer CR Jr, Gaston RP, Hill DL, Gleeson MJ, Taylor MG, Fenlon MR, Edwards PJ, Hawkes DJ. AcouStick: An optically tracked A-mode ultrasonography system for registration in image-guided neurosurgery. *Stereotact Funct Neurosurg.* 1999;72(2-4):143-4. PubMed PMID: 10853067.
- 1335: Yu Y, Zhang JB, Cheng G, Schell MC, Okunieff P. Multi-objective optimization in radiotherapy: applications to stereotactic radiosurgery and prostate brachytherapy. *Artif Intell Med.* 2000 May;19(1):39-51. PubMed PMID: 10767615.
- 1336: Madden KS, Stevens SY, Felten DL, Bellinger DL. Alterations in T lymphocyte activity following chemical sympathectomy in young and old Fischer 344 rats. *J Neuroimmunol.* 2000 Mar 1;103(2):131-45. PubMed PMID: 10696908.
- 1337: Howard CR, Howard FM, Fortune K, Generelli P, Zolnoun D, tenHoopen C, deBlieck E. A randomized, controlled trial of a eutectic mixture of local anesthetic cream (lidocaine and prilocaine) versus penile nerve block for pain relief during circumcision. *Am J Obstet Gynecol.* 1999 Dec;181(6):1506-11. PubMed PMID: 10601936.
- 1338: Bigeleisen PE. An unusual presentation of metallic taste after lidocaine injections. *Anesth Analg.* 1999 Nov;89(5):1239-40. PubMed PMID: 10553842.
- 1339: Kanazi GE, Perkins FM, Thakur R, Dotson E. New technique for superior hypogastric plexus block. *Reg Anesth Pain Med.* 1999 Sep-Oct;24(5):473-6. PubMed PMID: 10499763.
- 1340: Melander A, Olsson J, Lindberg G, Salzman A, Howard T, Stang P, Lydick E, Emslie-Smith A, Boyle DI, Evans JM, Macdonald TM, Bain J, Sullivan F; AD Morris for the DARTS/MEMO Collaboration, Juhl C, Pørksen N, Sturis J, Hollingdal M, Pincus S, Veldhuis J, Dejgaard A, Schmitz O, Kristensen JS, Frandsen KB, Bayer T, Müller P, Dunning BE, Paladini S, Gutierrez C, Deacon R, Valentim M, Grunberger G, Weston WM, Patwardhan R, Rappaport EB, Sargeant LA, Wareham NJ, Khaw KT, Zethelius B, Lithell H, Hales CN, Berne C, Lakka HM, Oksanen L, Tuomainen TP, Kontula K, Salonen JT, Dekker JM, de Boks P, de Vegt F, Stehouwer CD, Nijpels G, Bouter LM, Heine RJ, Bruno G, Cavallo-Perin P, Bargero G, D'Errico N, Borra M, Macchia G, Pagano G, Newton RW, Ruta DA, New JP, Wallace C, Roxburgh MA, Young RJ, Vaughan NJ, Elliott P, Brennan G, Devers M, MacAlpine R, Steinke D, Lawson DH, Decallonne B, Casteels K, Gysemans C, Bouillon R, Mathieu C, Linn T, Strate C, Schneider K, Funda DP, Jirsa M Jr, Kozáková H, Kaas A, Kofronová O, Tlaskalová-Hogenová H, Buschard K, Wanka H, Hartmann A, Kuttler B, Rasmussen SB, Sørensen TS, Markholst H, Petersen JS, Karounos D, Dyrberg T, Mabley JG, Haskó G, Szabó C, Seissler J, Nguyen TB, Steinbrenner H, Scherbaum WA, Cipriani R, Gabriele A, Sensi M, Guidobaldi L, Pantellini F, Cerrito MG, Scarpa S, Di Mario U, Morano S, Ceolotto G, Iori E, Baritono E, Del Prato S, Semplicini A, Trevisan R, Zerbini G, Meregalli G, Asnaghi V, Tentori F, Maestroni A, Mangili R, Marescotti C, Vedovato M, Tiengo A, Tadjieva J, Mankovsky BN, Van Aken S, Raes A, Vande Walle J, Matthys D, Craen M, Hansen HP, Lund SS, Rossing P, Jensen T, Parving HH; GENEDIAB Study Group, Andersen S, Tarnow L, Hansen BV, Trautner C, Haastert B, Ennenbach N, Willich S, Tabák ÁG, Orchard TJ, Spranger J, Preissner KT, Schatz H, Pfeiffer A, Cantón A, Burgos R, Hernández C, Lecube A, Mesa J, Segura RM, Mateo C, Simó R, Fathallah L, Greene DA, Obrosova I, Gilbert RE, Kelly DJ, Cox AJ, Berk-Wilkinson JL, Taylor HR, Panagiotopoulos S, Lee V, Jerums G, Cooper ME, Hitman GA, Aganna E, Ogunkolade WB, Rema M, Deepa R, Shanthi-Rani CS, Barakat K, Kumarajeewa TR, Cassell PG, McDermott MF, Mohan V, Ways K, Bursell S, Devries T, Woodworth J, Alatorre C, King G, Aiello LP, Karisen AE, Pavlovic D, Nielsen K, Jensen J, Andersen HU, Pociot F, Mandrup-Poulsen T, Eizirik DL, Nerup J, Lortz S, Tiedge M, Lenzen S, Lally FJ, Bone AJ, Darville MI, Ho YS, Sternesjö J, Sandler S, Chen MC, Schuit F, Pipeleers DG, Merezak S, Hardikar A, Hoet JJ, Remacle C, Reusens B, Bréant B, Garofano A, Czernichow P, Kubota N, Terauchi Y, Miki H, Tamemoto H, Yamauchi T, Nakano R, Komeda K, Eto K, Tobe K, Kimura S, Kadokawa T, Ide T, Murakami K, Tsunoda M, Mochizuki T, Ozanne SE, Nave BT, Wang CL, Dorling MW, Petry CJ, Koopmans SJ, van der Bent C, Que I, Radde JK, Sebokova E, Sana AK,

Klimes I, Ruderman N, Morviducci L, Pastore L, Morelli S, Sagratella E, Zorretta D, Buongiomo A, Tamburrano G, Giaccari A, Martinenghi S, De Angelis GC, Ravasi F, Bifari F, Bordignon C, Falqui L, Kessler A, Dransfeld O, Sasson S, Tomas E, Zorzano A, Eckel J, Thorsby P, Rosenfalck AM, Kjems L, Hanssen KF, Madsbad S, Birkeland KI, Hamilton-Wessler M, Markussen J, Bergman RN, Melki V, Hanaire-Broutin H, Bessières-Lacombe S; GEDEC study group, Tauber JP, Home PD, Lindholm A, Riis A; European Insulin Aspart Study Group, Rosenstock J, Schwartz S, Clark C, Edwards M, Donley D; US Study Group of Insulin Glargine in Type 2 DM, Swift P, Mortensen HB, Lynggaard H, Hougaard P; Hvidøre Study group on Childhood Diabetes, Cull CA, Neil HA, Frighi V, Manley SE, Holman RR, Turner RC; UKPDS Group, Steiner G; DAIS Project Group, Davis WA, Weeraratna T, Bruce DG, Davis TM, Vergès B, Duvillard L, Pont F, Florentin E, Gambert P, Benko B, Ljubić S, Turk Z, Granić M, März W, Wollschläger H, Klein G, Neiss A, Wehling M, Huxtable SJ, Saker PJ, Walker M, Frayling TM, Levy JC, O'Rahilly S, Hattersley AT, McCarthy MI, Orecchio A, Giacchini A, Dominici R, Canettieri G, Trinti B, Zani M, Andreoli M, Sciacchitano S, de Silva AM, Whitecross K, Pasco J, Kotowicz M, Nicholson G, Zimmet P, Boyko EJ, Collier GR, Frittitta L, Pizzuti A, Argiolas A, Graci S, Goldfine ID, Bozzali M, Ercolino T, Costanzo B, Iacoviello L, Tassi V, Trischitta V, Wauters M, Rankinen T, Mertens I, Chagnon M, Bouchard C, Van Gaal L, Sivenius K, Valve R, Hakkarainen V, Niskanen L, Laakso M, Uusitupa M, Beridze N, Japaridze M, Kurashvili R, Dundua M, Kebuladze G, Kazakhshvili N, Offley-Shore B, Thomas B, Ghebremeskel K, Crawford M, Lowy C, Eriksson UJ, Martin Simán C, Wisse B, Gittenberger-de Groot AC, Wentzel P, Eriksson UJ, Wender-Ożegowska E, Drews K, Biczysko R, Bronisz A, Rośc D, Graczykowska-Koczorowska A, Kotschy M, Sokup A, Kohnert KD, Besch W, Strese J, Frick U, Zander E, Kemer W, Škrha J, Kvasnička J, Kalvodová B, Hilgertová J, Schatteman K, Goossens F, Scharpé S, De Leeuw I, Hendriks D, Legakis IN, Panayiotou D, Mountokalakis TD, Enderle MD, Beckmann P, Balletshofer B, Rittig K, Maerker E, Volk A, Meisner C, Jacob S, Matthaei S, Häring HU, Rett K, Ueda K, Nakagawa T, Shimajiri Y, Kokawa M, Matsumoto E, Sasaki H, Sanke T, Nanjo K, McKinnon CM, Macfarlane WM, Docherty K, Furukawa N, Shirotani T, Kishikawa H, Kaneko K, Araki E, Shichiri M, Prentki M, Roduit R, Susini S, Buteau J, Ejrnæs AM, Andersen NA, Osterhoff M, Möhlig M, Ortmann J, Bikashagi F, Mayer C, Bikashagi F, Ackermans MT, Pereira Arias AM, Bisschop PH, Endert E, Sauerwein HP, Romijn JA, Gastaldelli A, Baldi S, Pettiti M, Natali A, Frascerra S, Camasta S, Toschi E, Ferrannini E, Stingl H, Krssak M, Bischof MG, Krebs M, Fürnsinn C, Nowotny P, Waldhäusl W, Roden M, Neeft M, Meijer AJ, Båvenholm P, Pigon J, Efendic S, Kästenbauer T, Sauseng S, Sokol G, Auinger M, Irsigler K, Abbott CA, Carrington AL, Faragher B, Kulkarni J, Van Ross ER, Boulton AJ, Armstrong DG, Hadi S, Nguyen HC, Harkless LB, Jirkovská A, Kasalicky P, Hosová J, Skibová J, Uccioli L, Caselli A, Giacomozi C, Macellari V, Giurato L, Lardieri L, Menzinger G, Pham HT, Rosenblum BI, Lyons TE, Giurini JM, Smakowski P, Chrzan JS, Habershaw GM, Veves A, Foster AM, Bates M, Doxford M, Edmonds ME, Kecha O, Winkler R, Martens H, Collette J, Lefèvre PJ, Greiner D, Geenen V, Atlan-Gepner C, Naspetti M, Valéro R, Barad M, Lepault F, Vialettes B, Naquet P, de Galan B, Netea MG, Hancu N, Smits P, Van der Meer JW, Osterbye T, Jørgensen KH, Tranum-Jensen J, Fredman P, Høy M, Bokvist K, Olsen HL, Horn T, Gromada J, Laub R, Lohmann T, Hahn HJ, Adler T, Emmrich F, Rabuazzo AM, Lupi R, Dotta F, Patanè G, Marselli L, Realacci M, Piro S, Del Guerra S, Santangelo C, Navalesi R, Purrello F, Marchetti P, de Vos P, Visser L, de Haan BJ, Klok P, van Schilfgaarde R, Poppema S, Juang JH, Kuo CH, Hsu BR, Nacher V, Pérez M, Biarnés M, Raurell M, Soler J, Montanya E, Ritzel R, Maubach J, Büsing M, Becker T, Klempnauer J, Hücker K, Schmiegel WH, Nauck MA, Bouček P, Saudek F, Adamec M, Kožitarová R, Jedináková T, Vlasáková Z, Skibová J, Bartoš V, Maffi P, Bertuzzi F, Aldrighetti L, Taglietti MV, Castelnovo A, Pozza G, Di Carlo V, Secchi A, Renier G, Mamputu JC, Gillespie JS, McMaster D, Mercer C, Trimble ER, Lecomte M, Véricel E, Paget C, Ruggiero D, Lagarde M, Wiernsperger N, Pricci F, Leto G, Amadio L, Cordone S, Iacobini C, Catalano S, Violi F, Rotella CM, Pugliese G, Zicari A, Gradini R, Sale P, Pala L, Cresci B, Giannini S, Manuelli C, Dahlfors G, Arnqvist HJ, Gonelle-Gispert C, Halnan PA, Sadoul K, Wolter S, Lang J, Niwa T, Yu W, Hidaka H, Senda T, Niki I, Fukasawa T, Renstrom E, Barg S, Seward E, Rorsman P, Rutter GA, Molinete M, Lilla V, Ravazzola M, Halban PA, Efanov AM, Bertorello AM, Zaitsev SV, Zwiller J, Berggren PO, MŞengül A, Salman F, Sargin M, Özer E, Karşıdağ K, Salman S, Gedik S, Satman I, Dinçbaş N, Yılmaz MT, Lloyd A, Hopkinson PK, Testa MA, Blonde L, Turner RR,

Hayes J, Simonson DC, van der Ven NC, Lubach CH, Snoek FJ, Mollema ED, van der Ploeg HM, Danne T, Hoey H, McGee H, Fitzgerald H, Lernmark B, Thernlund G, Fredin K, Hägglöf B, Lugari R, Dell'Anna C, Ugolotti D, Dei Cas A, Barilli AL, Sard L, Marani B, Iotti M, Zandomeneghi R, Gnudi A, Kjems LL, Volund A, Toft-Nielsen M, Damholt MB, Hilsted L, Hughes TE, Krarup T, Holst JJ, Young A, Gottlieb A, Fineman M, Kolterman O, Cancelas J, García-Martínez JA, Villanueva-Peña Carrillo ML, Valverde I, Malaisse WJ, Filipsson K, Ahrén B, Balkan B, Kwasnik L, Battle B, Li X, Egan JM, Clocquet AR, Elahi D, Petrella E, Pricket K, Petersen KF, Sullivan JT, Amatruda JM, Livingston JN, Shulman GI, Freyse EJ, Knospe S, Glund K, Demuth HU, Walker D, Malik RA, Reljanovic M, Barada A, Milicevic Z, Tack CJ; Croatian Study Group for Diabetic Amyotrophy, Goldstein DS, Van Huysen C, Stevens MJ, Cao X, Sundkvist G, Dahlin LB, Eriksson KF, Rosén I, Lattimer SA, Sima AA, Sullivan K, Shaw JE, de Courten MP, Zimmet PZ, Gourdy P, Ruidavets JB, Arveiler D, Amouyal P, Bingham A, Tauber JP, Lam KS, Wat NM, Lam TH, Janus ED, de Pablos P, Rodriguez F, Martínez J, Sánchez V, Santana C, García I, Macías A, Levin K, Hother-Nielsen O, Henriksen JE, Beck-Nielsen H, Brechtel K, Machann J, Koch M, Nielsen M, Löblein K, Becker R, Denignger M, Renn W, Machicao F, Claussen CD, Schick F, Diraison F, Moulin P, Beylot M, Thams P, Capito K, Eliasson L, Barg S, Göpel S, Kanno T, Renström E, Meda P, Charollais A, Gjnovci A, Calabrese A, Wonkam A, Caton D, Wiszniewski L, Serre V, Cogne F, Bauquis J, Bosco D, Huarte J, Herrera P, Gotfredsen CF, Vessby B; KANWU study group, Manuel Y Keenoy B, Engelen W, Vertommen J, Schrans S, Louheranta A, Lindström J, Tuomilehto J; Finnish Diabetes Prevention Study Group, Segal KR, Heymsfield S, Hauptman J, Boldrin M, Lucas C, Pandolfi A, Cetrullo D, Polishchuk R, Alberta M, Pellegrini G, Calafiore A, Vitacolonna E, Capani F, Consoli A, Halleux CM, Gillot EF, Brichard SM, Van der Planken M, Corthouts B, Peiffer F, Scholten D, Walke M, Assert R, Pirags V, Pedula KL, Hillier TA, Brown JB; EURODIAB Prospective Complications Study (PCS) Group, Santini SA, Marra G, Cotroneo P, Manto A, Di Leo MA, Di Gregorio S, Tordi A, Pitocco D, Ruotolo V, Ghirlanda G, Temelkova-Kurktschiev T, Schaper F, Koehler C, Henkel E, Hanefeld M, Mancini L, Citterio F, Cotroneo A, Ceroone S, Castagneto M, Rajbhandari SM, Dent MT, Plater ME, Harris ND, Tesfaye S, Ward JD, Dupuy O, Mayaudon H, Lecoules S, Bauduceau B, Palou M, Farret O, Molinié C, Antonelli-Incalzi R, Fuso L, Giordano A, Calcagni ML, Todaro L, Basso S, Tramaglino LM, Troncone L, Pistelli R, Guillot R, Bringuier A, Porokhov B, Guillausseau PJ, Feldmann G, Zivanic S, Cizmic M, Dragojevic R, Vanovic M, Borghouts LB, van Kranenburg GP, Schaart G, Keizer HA, Niess AM, Dickuth HH, Lutz O, Barbe P, Calazel-Fournier C, Hernandez G, Saint-Martin F, Galitzky J, Gonçalves AA, da Silva EC, Brito IJ, da Silva CA, Lawrence NJ, Kousta E, Mulnier H, Penny A, Millauer B, Johnston DG, Robinson S, Perriello G, Pimenta W, Pampanelli S, Lucidi P, Lepore M, Porcellati F, Cordini MC, De Feo P, Bolli GB, Sjöstrand M, Holmäng A, Lönnroth P, Hauer B, Grauer P, Artzner S, Lang R, Stumvoll M, Monti LD, Piatti PM, Gemone F, Valsecchi G, Magni M, Barbieri E, Setola E, Sandoli EP, Galli-Kienle M, Pontiroli AE, Nichols GA, Brown JB, Salzsieder E, Boltz H, Ramirez JC, Rutscher A, Fischer U, Koenig C, Friske M, Schramm W, Landgraf R, Bachmann W, Bangemann M, Groeneveld G, Edvell A, Lindström P, Tsiorla P, Koukourava A, Raptis SA, Tsigos C, Boutou E, Triandaffilopoulou A, Egido EM, Rodríguez-Gallardo J, Gutiérrez E, García P, Silvestre RA, Marco J, Khan A, Ling ZC, Ahren B, Efendic S, Bünting C, Du X, Zhi Sui G, Rösen P, Koschinsky T, Kearney TM, Sharp PS, Lapolla A, Fedele D, Martano L, Garbeglio M, Seraglia R, Favretto D, Traldi P, Meerwaldt R, Smit AJ, Links TP, V Roon AM, Graaf R, Gans RO, Deyneli O, Ersöz HÖ, Gogas D, Fak AS, Akalin S, Veglio M, Sivieri R, Chinaglia A, Scaglione L; Neuropathy Study Group of the Italian Society of the Study of Diabetes, Le T, Wong N, Detrano R, Charles MA, Colhoun HM, Francis DP, Rubens M, Underwood SR, Fuller JH, Knudsen E, Sato A, Nielsen FS, Bonora E, Kiechl S, Willeit J, Oberholzer F, Egger G, Bonadonna R, Muggeo M, Festa A, D'Agostino R Jr, Howard G, Mykkänen L, Tracy RP, Haffner SM, Poulsen P, Vach K; European Group for the Study of Insulin Resistance (EGIR), Ijzerman RG, Bakker SJ, Truster J, Crowther NJ, Cameron N, Gray IP, Chaillous L, Carel JC, Thivolet C, Boitard C, Charbonnel B, Saï P; D.I.O.R. study group, Decochez K, Keymeulen B, Somers G, Dorchy H, Rottiers R, Winnock F, Ver Elst K, Weets I, Pipeleers D, Gorus F, Seebaum S, Schumm-Draeger PM, Petzoldt R, Federlin K, Bonnevie-Nielsen V, Martensen PM, Justesen J, Worsaa A, Karlsson M, Sederholm S, Ludvigsson J, Bélicar P, Dale C, Vague P, Alessis C, Lassmann-Vague V, Bode BW, Gross TM, Ghegan M, Steed RD, Davidson PC, Ordoñez A, Rubio JL, Sulleiro JM, Buendía JP, Zamora J, Castillo

M, Schaupp L, Ellmerer M, Brunner GA, Sendlhofer G, Schlack C, Skrabal F, Wach P, Pieber TR, Heinemann L, Krämer U, Klötzer HM, Hermann M; Non-Invasive Task Force, Cosgrove KE, Chapman JC, Shepherd RM, McIntyre S, Butler PC, Dunne MJ, Brekardin E, Dörschner H, Schwanstecher C, Schwanstecher M, Uhde I, Emmanouilidou E, Teschemacher AG, Pouli AE, Gylfe E, Tengholm A, Hellman B, Perfetti R, Aggarwal S, Müller G, Welte S, Wied S, Valverde AM, Mur C, Kahn CR, Benito M, Rondinone CM, Peterson T, Laviola L, Belsanti G, Logoluso F, Napoli R, Davalli AM, Weir GC, Giorgino R, Giorgino F, Flesch S, Hompesch B, Rave K, Susanto F, Kühn-Velten WN, Heise T, Rendell M, Dole J; Rosiglitazone Study Group, Esper RJ, Stein E, Lemme L; Cerivastatin/Bezafibrate Latin America Study Group, Rubinstein A, Maritz FJ, Soule S, Market A, Chajek-Shaul T, Maislos M, Tal S, Stolero D; HIDM investigators, Josefson K, Beckmann H, Petersen C, Ekman R, Efanova I, Zaitsev S, Berggren PO, Birkenbach M, Holl RW, Rosenbauer J, Grabert M; German Working Group on Quality Control, Icks A, Schwab O, Reile K; German Pediat. Working Group, Janssen MM, de Jongh RT, Casteleijn S, Masurel N, Hoogma RP, Santeusanio F, Brunetti P, Fanelli CG, Laureti S, Bartocci L, Maran A, Crepaldi C, Trupiani S, Macdonald IA, Avogaro A, Bouman SD, Keitz M, Bruggink JE, Scheurink AJ, Strubbe JH, Steffens AB, Ferguson SC, McCrimmon RJ, Perros P, Best JJ, Deary IJ, Frier BM, Robinson RT, Ireland NH, Bedford C, Fairclough E, Hudson S, Heller SR, Borch-Johnsen K, Berger M, Overmann H, Bender R, Blank M, Sawicki P, Jörgens V, Mühlhauser I, Nosadini R, Sailer A, Dalla Vestra M, Brocco E, Piarulli F, Frigato F, Sambataro M, Velussi M, Baggio B, Fioretto P, Jager A, van Hinsbergh VW, Kostense PJ, Nrjpels G, Gæde P, Pedersen O, Andrysiak-Mamos E, Majkowska L, Krzyżanowska B, Pilarska K, Czekalski S, Mazzon C, Brocco S, Field LL, Nejentsev S, Gombos Z, Veijola R, Knip M, Simell O, Vaarala O, Åkerblom HK, Ilonen J, Krokowski M, Bodalski J, Andrzejewski W, Ławnik M, Teodorczyk A, Heinrich A, Caillat-Zucman S, Buzzetti R, Petrone A, Mesturino C, Giorgi G, Fiori R, Nisticò L, Di Genova G, Cascino I, Klöting I, Kovacs P, McKinney PA, Okasha M, Parslow RC, Law GR, Gurney KA, Williams R, Bodansky HJ, Herzig P, Giani G, Vervoort G, Lutterman JA, Berden JH, Wetzel JF, Paniagua O, Shaw L, Austin C, Heagerty AM, Seppälä-Lindroos A, Vehkavaara S, Yki-Järvinen H, Caballero AE, Lim SC, LoGerfo FW, Horton ES, Zembowicz A, Fragasso G, Caumo A, Phan VC, Costa S, Conti M, Chierchia SL, Vigili de Kreutzenberg S, Marchetto S, Calò L, Wascher TC, Wölkart G, Brunner F, Tripathy D, Carlsson M, Isomaa B, Tuomi T, Groop L, Stoffers DA, Muller DC, Wideman L, Chin GA, Clarke WL, Hanks JB, Habener JF, Guazzarotti L, Toffolo G, Clementi L, Vespasiani G, Cobelli C, Clauin S, Bellanné-Chantelot C, Bartolotta E, Gautier JF, Wilson C, Weyer C, Mort D, Knowler WC, Polonsky K, Bogardus C, Pratley RE, Porksen N, Veldhuis JD, Polonsky KS, Byrne MM, Brandt A, Arnold R, Katschinski M, Göke B, Hardt E, Fritsche A, Stefan N, Schützenauer S, Lüddeke HJ, Renner R, Hepp KD, Shnawa N, Krugluger W, Hopmeier P, Schernthaner G, Kautzky-Willer A, Prager R, Fallucca F, Sabbatini A, Sciuillo E, Torresi P, Mazziotti F, Maroccia E, Napoli A, Buongiorno A, Deberg M, Dozio N, Castiglioni MT, Sodoyez-Goffaux F, Carvalheiro M, Fagulha I, Fagulha A, Gomes L, Paiva S, Marta E, Sobral E, Leitão F, Pinto L, Ruas M, Buchanan T, Di Cianni G, Volpe L, Casadío I, Bottone P, Teti G, Boldrini A, Benzi L, Rasera T, Becciu V, Beretta A, Almirante G, Castiglioni M, Kerényi Z, Stella P, Nádasdi Á, Baranyi É, Csákány MG, Tamás G, Mehta ZM, Manley S, Zimmet P, Bottazzo GF, Hoey H, Mollensen H, Hougaard P, McGee H, Vidal J, Fernández M, Sesmilo G, Casamitjana R, Gomis R, Conget I, Rathmann W, Curran S, Mitchell J, Hennings S, Katsaros T, Saflianis I, Gigiakou E, Kasi E, Polychroniades V, Dzien A, Dzien-Bischinger C, Hadjidakis D, Apostolopoulou N, Sfakianakis M, Raptis AE, Ryssy L, Häkkinen AM, Goto T, Westerbacka J, Halavaara J, Libman I, Pietropaolo M, LaPorte R, Pietropaolo S, Becker D, Pirie FJ, York DF, Motala AA, Omar MA, Tzaneva V, Iotova V, Jaeger C, Hatziagelaki E, Stroedter A, Becker F, Bretzel RG, Strebelow M, Schlosser M, Ziegler B, Ziegler M, Wassmuth R, Ostrauskas R, Žalinkevičius R, Norkus A; Lithuanian Collaborative Group for the Epidemiology of Diabetes, Jarosz-Chobot P, Otto-Buczkowska E, Koehler B, Maklakiewicz E, Green A, Ionescu-Tirgoviste C, Serban V, Guja C, Mota M, Creteanu G, Calin A, Morosanu M, Ferariu I, Halmagy I, Cristescu I, Strugariu M, Minescu A, Barbul R, Visalli N, Sebastiani L, Adorisio E, Cassone Fal detta MR, Multari G, Casu A, Songini M, Pozzilli P; IMDIAB Study Group, Muntoni S, Wäänenen S, Law G, Muntoni S, Shubnikov E, Choubrakova J, Mikulecký M, Michalková D, Hlava P, Teuscher AU, Reinli K, Teuscher A, Zhao HX, Stenhouse E, Moyeed R, Demaine AG, Millward BA, Feltbower RG, Holland P, Campbell F, Fear NT, Wasmuth HE, Elliott RB, McLachlan C, Erhardt G, Kolb

H, Guaita G, Pelligrina I, Motzo C, Obinu M, Cossu E, Cirillo R, Kinalska M, Krętowski A, Bingley P, Kinalska I, Douek IF, Bingley PJ, Gale EA, Imagawa A, Hanafusa T, Miyagawa J, Matsuzawa Y; Osaka IDDM Study Group, Todd JA, Welsh K, Marshall S, Nolsøe R, Kristiansen OP, Larsen Z, Johannessen J, Jahromi MM, Larsen ZM, Kyvik KO, Jeanclos E, Schork NJ, Aviv A, Sieradzki J, Małecki MT, Klupa T, Hanna L, Sieradzka J, Frey J, Królewski AS, Calvo B, Bilbao JR, Perez de Nanclares G, Castaño L, Santos JL, Pérez-Bravo F, Piquer S, Puig-Domingo M, Carrasco E, Calvillán M, De Leiva A, Albala C, Cavallo MG, Manca Bitti ML, Suraci C, Crinò A, Giordano C, Cervoni M, Sbriglia MS, Bizzarri C, Marietti G, Füchtenbusch M, Bonifacio E, Kredel K, Schnell O, Ziegler AG, Assaad-Khalil SH, Michelsen BK, El-Azzouni O, Abou-Seif M, Kamel F, Fouad K, Abdel-Aty T, El-Sheikh S, Zamani M, Pociot H, Nerup J, Cassiman JJ, Olivares E, Ladrière L, Lagh mich A, Sener A, Scott FW, Ivanova O, Poltorack V; Pramlintide Type 1 Study Group; Pramlintide Type 2 Study Group, Gorbenko N, Gladkich A, Nikitchenko I, Dunger A, Augstein P, Berg S, Williams AJ, Norcross AJ, Gillmor HA, Lampasona V, Bernasconi L, Hermite L, Martin-Moutot N, Boucraut J, Seagar M, Couraud F, Scirpoli M, Maioli M, Tonolo G, Bekris L, Schranz D, Ciccarese M, Lernmark A, Lee HC, Nam JH, Ahn CW, Song YD, Lim SK, Kim KR, Huh KB, Fajardo C, Carmona E, Sanchez-Cuenca JM, Campos V, Carles C, Brazales A, Merino F, Piñón F, Mašek Z, Perušičová J, Bárová H, Šterzl I, Hejduková H, Schneiderka P, Hink S, Muzyka B, Streit G, Kopp HP, Kroiss A, Tankova T, Dakovska L, Kirilov G, Koev D, Abrams P, De Block C, Rooman R, Du Caju M, Eibl NL, Wolf H, Eibl MM, Di Cesare E, Previti M, Lombardo F, Di Benedetto A, Romano G, De Luca F, Cucinotta D, Brunelle RL, Huang J, Fineberg SE, Anderson JH, List C, Lamesch P, Kohlhaw K, Schwarz C, Wenzke M, Richter O, Hauss J, Zeng SF, Xu XS, Zheng SX, Shii K, Baba S, Bonfanti R, Bazzigaluppi E, Meschi F, Bognetti E, Bosi E, Chiumello G, Cinapri V, Quilici S, Forotti G, Giampietro O, Matteucci E, Luppi P, Zanone MM, Rudert W, Haluszczak C, Alexander A, Bertera S, Gottlieb P, Trucco M, Irnstetter A, Jäger G, Schenker M, Ziegler MA, Myśliwiec J, Szelachowska M, Monetini L, Valente L, Coppolino G, Stefanini L, Corbi S, Spera S, Matteoli MC, Ferrazzoli F, Cantagalio A, De Mattia GC, Walker B, Sonnet E, Gibassier J, Derrien C, Massart C, Allannic H, Maugendre D, Leech NJ, Elsegood KA, Narendran P, Hubbard A, Dayan CM, Mianowska B, Bodalska-Lipińska J, Chrul S, Wyka K, Geissler A, Schneider ML, Bochow B, Koop I, Zhang TM, Zhang Y, Han CH, Jin SX, Dervogormiyacıyan H, Araslı M, Aydemir D, Yıllar G, Deniz G, Gürol AO, Aktaş E, Tütüncü Y, Pertyńska MP, Banasik M, Zeman K, Cypryk K, Wilczyński J, Tchórzewski H, Müser ES, Baier JE, Bergbauer M, Schmutz G, Figge A, Reiser M, Schmiegel W, Burkart V, Kim YE, Kauer M, Utsugi T, Kanda T, Kobayashi I, Uchiyama T, Ito H, Ohyama Y, Tomono S, Kawazu S, Nagai R, Hehmke B, Heinke P, Kelemen K, Wegmann D, Hutton JC, Wachlin G, Schröder D, Schmidt S, Schloot NC, Hanifi-Moghaddam P, Goebel C, Rothe H, Hausmann A, Laureys J, Depovere J, Waer M, Karsten V, Tritschler S, Belcourt A, Pinget M, Kessler L, Gregori S, Sala L, Smiroldo S, Davalli A, Adorini L, Bo S, Repetti E, Gentile L, Fornengo P, Bruno A, Ferrero L, Kanoun F, Harzallah F, Ftouhi B, Mekaouar A, Bellaaj R, Fekih M, Mebazaa A, Zouari B, Ben Khalifa F; Turkish Diabetes Epidemiology Group, Spijkerman AM, Ruige JB, Colagiuri S, Colagiuri R, Palu T, Na'ati E, Muimui-Heata S, Samiu O, deBleick C, Ta'ai A, Foliaki S, Hussain Z, McLennan M, Hansen CN, Ibsen H, Dogadin SA, Nozdratchev KG, Lidfeldt J, Nerbrand C, Lindholm LH, Samsioe G, Scherstén B, Agardh CD, Wójcikowski C, Grzeszczak W, Łopatyński J, Bandurska-Stankiewicz E; Screen-Pol Study Group, Mardarowicz G, Król H, Matej A, Czupryniak L, Kropiwnicka A, Drzewoski J, Viljoen E, Costa A, Martinez S, Carmona F, Levy I, Baruffaldi L, Solerte B, Mantovani E, Boullu S, Jeandidier N, Legaludec V, Costa B, Franch J, Martín F, Morató J, Donado A, Basora J, Daniel J; IGT Research Group, Sayeed MA, Mahtab H, Kibriya MG, Khanam PA, Azad Khan AK, de Courten M, Chitson P, Cox H; Mauritian NCD group, King R, Dachtler J, Johnston D, Ito C, Kataoka M, Lakhdar AA, Myers MA, Fuecker K, Echwald SM, Hansen T, Ekström CT, Urhammer SA, Eiberg H, Roberts S, Barrow BA, Hainsworth J, Schousboe K, Henriksenog JE, Sørensen TI, Herlihy OM, Timmer B, Grant PJ, Bennett SM, Ghunaim SA, Stewart MW, Baroni MG, Sentinelli F, Lovari S, Vitali M, Capici F, Barbetti F, Weng JP, Lehto M, Li H, Forsblom C, Groop L, Blanche H, Morel V, Hansen L, Stanojevic V, Petersen HV, Urioste S, Stoffers D, Møller AM, Serup P, Ek J, Durviaux S, Clausen JO, Rousseau GG, Lemaigre FP, Bjørkhaug L, Njølstad PR, Lindner T, Cockburn BN, Molven A, Søvik O, Lindner TH, Horikawa Y, Sovik O, Frederiksen SK, Almind K, Van Obberghen E, Kovács P, van den Brandt J, Fenger M, Vaag A, Haist K, Weisser M, Rettig A, Zhang M, Chung SS, Pihlajamäki J,

Karjalainen L, Karhapää P, Vauhkonen I, Cassell P, Uwakwe N, Kopelman P, Ramachandran A, Snehalatha C, Rasmussen SK, Lautier C, Grigorescu F, Smith RJ, Frayling T, Turner R, Hitman G, Subba Rao P, Bennett AJ, Jones E, Lathrop GM, Menzel S, Wahid F, Cooper L, Scott J, Aitman TJ, Galli J, Fakhrai-Rad H, Kamel A, Marcus C, Norgren S, Luthman H, Wallis RH, Collins SC, Kaisaki PJ, Ktorza A, Lathrop M, Gauguier D, Huxtable S, McCarthy M, Shimomura H, Hanabusa T, Tsunoda K, Lazdins M, Dalgaard LT, Jensen NM, Jensen JN, Lynn S, Turnbull DM, Pérez de Nanclares G, Gaztambide S, Vázquez JA, Groves CJ, Izmajlowicz ML, Horton VA, Owen RJ, Stratton IR, Green FR, Groves C, Horton V, Owen R, Stratton I, Clark LA, Voigt A, Rochlitz H, Rau H, Braun J, Schmidt K, Plock K, Donner H, Schöneberger A, Usadel KH, Badenhoop K, Bendlová B, Mazura I, Včelák J, Vondra K, Palyzová D, Svatoš J, Mikšová P, Russo G, Couture P, Wilson PW, Cupples LA, Ottos JD, Schaefer EJ, Ordovalas JM, Malecki MT, Ji L, Curtis S, Rich SS, Warram JH, Krolewski AS, Gudayol M, Usac EF, van Essen EH, Roep BO, 't Hart LM, Janssen JJ, van den Ouwendijk JM, Lemkes HH, Maassen AJ, Nakano S, Fukuda M, Maejima K, Imaizumi N, Kitazawa M, Nishizawa M, Kigoshi T, Uchida K, Le Gall JY, David V, Baltrusch S, Richter T, da Silva Xavier G, Dickens M, Belin VD, Green IC, Burns CJ, Squires PE, Howell SL, Persaud SJ, Ban N, Yamada Y, Someya Y, Ihara Y, Tsuda K, Seino Y, Alcazar O, Tyrberg B, Carlsson C, Andersson A, Mukai E, Ishida H, Fujimoto S, Kajikawa M, Fujita J, Tsuura Y, Malaisse-Lagae F, Picton S, Tamarit-Rodriguez J, Mukala-Nsengu-Tshibangu A, Fernández S, Giné E, Ortsäter H, Liss P, Åkerman KE, Bergsten P, Hu S, Wang S, Roos ES, Gounarides JS, Shapiro MJ, de Souza CJ, Papas KK, Nishimura M, Kadiata MM, Loucheami K, Jijakli H, Rajan AS, Kuang S, Iyer D, Waddell ID, Holloway BR, Ishihara H, Wang H, Wollheim CB, Ayvaz G, Mercan D, Rasschaert J, Giroix MH, Scruel O, Portha B, Broca C, Fernandez-Alvarez J, Manteghetti M, Gross R, Sauvaire Y, Petit P, Ribes G, McClenaghan NH, Ball AJ, Flatt PR, Rustenbeck I, Dickel C, Winkler M, Grimmsmann T, Meyer U, Gross I, Barnes PD, O'Brien RE, Abdel-Wahab YH, Hashmi MN, Giesberts AN, White SJ, Cooper EJ, Hudson AL, Eglen RM, Dillon MP, Chan SL, Morgan NG, Parini A, Gotfredsen C, Ullrich S, Su J, Rösler M, Hescheler J, Greger R, Wardt R, Arredouani A, Gailly P, Henquin JC, Gilon P, Macfarlane WN, Docherty K, Jonkers FC, Schöfl C, Börger J, von Zur Mühlen A, Brabant G, Grapengiesser E, Harris TE, Buchan AM, Jones PM, Jaikaran ET, Marcon G, St George-Hyslop PH, Fraser PE, Clark A, Lebrun P, Antoine MH, Nguyen QA, Rorsman P, Wasmeier C, Antinozzi P, Maechler P, Schwartz E, Wollheim C, Roderigo HM, Matsumoto K, Ebihara K, Yamamoto H, Tabuchi H, Fukunaga K, Yasunami M, Ohkubo H, Miyamoto E, Horn PA, García-Barrado MJ, Sancho C, Martín M, Moratinos J, Westerlund J, Lin JM, Brown R, Björklund A, Grill V, Detimary P, Guiot Y, Rahier J, Elmi A, Sehlin J, Hauge-Evans AC, Cybal M, Druzyńska J, Wierzchowska J, Krippeit-Drews P, Drews G, Krämer C, Jornot L, Düfer M, Nöda M, Yamashita S, Takahashi N, Tsubamoto Y, Kasai H, Sharp GW, Lembert N, Joos HC, Ammon HP, Wahl MA, Ainscow EK, Zhao C, Fabregat ME, Fernández-Álvarez J, Franco C, Novelli M, Fernández-Alvarez J, Masiello P, Lajoix A, Beffy P, Roux S, Chardès T, Roye M, Lajoix AD, Reggio H, Peraldi-Roux S, Henningsson R, Salehi A, Lundquist I, Stickings P, Mistry S, Ratcliff H, Morris SM Jr, Cunningham JM, Ekelund M, Ermakova NV, Paulssen RH, Florholmen J, Carmellini M, Mosca F, Patané G, Longo D, Squatrito S, Clement L, Magnan C, Vincent M, Penicaud L, Assimacopoulos-Jeannet F, Vigneri R, Rolfsen SE, Gregersen S, Hermansen K, Blondeau B, Rojas I, Novials A, Femández-Usac E, Cristóbal P, Higham CE, Lawrie L, Sherman KI, Birch N, Tito P, Robinson CV, de Koning EJ, Verbeek JS, Esapa C, Laube B, Powell DS, Maksoud H, Chargé SB, Matthews DR, Stratton IM, Karlsson S, Myrsén-Axcrona U, Östlund B, Sundler F, Bertrand G, Puech R, Bockaert J, Persson-Sjögren S, Täljedal IB, Mooney MH, O'Harte FP, Simonsson E, Abdel-Halim SM, Efendić S, Ahrén B, Yanagida K, Arima T, Yada T, Egéa JC, Hirtz C, Deville de Périère D, Meoni C, Falqui L, Arcelloni C, Paroni R, Folli F, Barry R, Turner NC, Tadayyon M, Arch JR, Sutti F, Perego L, Baglioni S, Otte A, Soccia C, Raffaele HS, Stumpf E, Aalto Y, Otonkoski T, Knuutila S, Andersson LC, Berra C, Furlan R, Coppelli A, Tellini C, Bordignon C, Rouiller DG, Lister CA, Moore GB, Piercy V, Newman M, Chapman H, Smith SA, Anastasi E, Bulotta A, Tiberti C, Ponte E, Liddi R, Taruscio D, Falchi M, Annerén C, Welsh M, Bernard C, Ilic C, Guilbert V, Palgi J, Korbut GS, Rayat GR, Rajotte RV, Kieffer TJ, Karlsson E, Sandler S, Boujendar S, Huotari MA, Miettinen PJ, Keski-Oja J, Breda E, Pacini G, Vilsbøll T, Toft-Nielsen MB, Dinesen B, Corssmit EP, Qvigstad E, Mostad IL, Bjerve K, Ann CW, Kume M, Hiramatsu M, Taniguchi J, Saito Y, Kawasaki Y, Kanazawa M, Notoya Y, Hayashi T, Djemli A, Gallice P, Coste T, Jannot

MF, Dufayet D, Raccah D, Vague P, Sattar S, Basak RC, Hasan Z, Ali L, Nikulina MA, Karlsen AE, Hong TP, Andersen NA, Puren AJ, Fantuzzi G, Dinarello CA, Gysemans CA, Sparre T, Fey S, Larsen PM, Andersson AK, John NE, Fey SJ, Mose Larsen P, Frigerio S, Ghayur T, Holländer GA, Zumsteg U, Pinach S, Monge L, Grassi G, Pasquero P, Ruiu G, Dall'omo A, Carta Q, Hadjivassiliou V, Dunger AM, Green MH, Rasilainen S, Roivainen M, Ylipaasto P, Bouwens L, Hovi T, Sekine N, Takahashi K, Ishikawa T, Okazaki T, Fujita T, Elliott J, Scarpello JH, Conroy S, Byrne P, Newsholme P, Harrison M, Greenl IC, Kaya F, Süsleyici B, Öztürk M, Eisner M, Guldbakke B, Karpenko N, Brizgalova G, Alesina M, Røder ME, Schwartz RS, Prigeon R, Kahn SE, Kendereški A, Micić D, Šumarac M, Macut D, Zonć S, Čolić M, Cvijović G, Gligorović P, Courtney CH, Atkinson AB, Ennis C, Sheridan B, Bell PM, Jolly M, Amin R, Godsland I, Horvoka R, Anyaoku V, Lawrence N, Krasova N, Sergienko L, Mingrone G, Plat L, Balasse EO, Zykova T, Jenssen T, Strelkova A, Zykova S, Tipisova E, Féry F, Wijenaike AN, Watt PW, Jung RT, Bolton-Smith C, Rennie MJ, Ludvik B, Aigmüller T, Waldhaeusl W, Courtois P, Bource F, Guenat E, Philippe J, Jéquier E, Tappy L, Benny S, Grönemeyer D, Aygen S, Scholz N, Busch M, Tauveron I, Rochon C, Dejax C, Benoit P, Capitan P, Bayle G, Prugnaud J, Fabricio A, Champredon C, Thieblot P, Grizard J, Nielsen MF, Nyholm B, Chandramouli V, Schumann WC, Landau BR, Rizza RA, Mitrakou A, Meyer C, Tolias A, Platanisiotis D, Vlachos L, Gerich J, Wajngot A, Sprangers F, Jellema WT, Lopuhää CE, van Lieshout JJ, van der Zee JS, Mithieux G, Croset M, Zitoun C, Hurot JM, Rajas F, Montano S, Willem R, Verbruggen I, Grue-Sørensen G, Björkling F, Watson ND, Burns SP, Murphy HC, Iles RA, Cohen RD, Rooney K, Swan V, Phuyal J, Millar J, Bryson J, Denyer G, Caterson I, Thompson C, Gaster M, Handberg A, Schrøder HD, Alzaid A, Sobki S, Thye-Rønn P, Alford F, Christopher M, Gras F, Brunmair B, Neschen S, Py G, Lambert K, Raynaud E, Mercier J, Tsuchihashi K, Sumida Y, Fujimoto H, Nakamura M, Miyata E, Furuta M, Katsuki A, Ito K, Sasaki R, Hori Y, Yano Y, Adachi Y, Lauritz J, Eriksson JW, Burén J, Zhao LJ, Li ZC, Kullin M, Karlsson FA, Redondo A, Puente J, Clemente F, González N, Moberg E, Amer P, Hagström-Toft E, Bolinder J, Björnholm M, Krook A, Galuska D, Myers M Jr, Zierath JR, Wallberg-Henriksson H, Niklasson M, Strindberg L, Sternberg F, Hebeda S, Kratzer W, Salgado MI, Hoss U, Kalatz B, Lohmann S, Fussgänger R, Khomazuk AI, Ncscheret AP, Gonchar IV, Quinones-Galvan A, Sironi AM, Cominacini L, Nagai Y, Yamashita H, Takamura T, Kobayashi K, Szanto I, Peth JA, Kinnick TR, Youngblood EB, Tritschler HJ, Henriksen EJ, Gašperíková D, Rufo C, Teran-Garcia M, Nakamura MT, Clarke SD, Pye S, Zhang Z, Radziuk J, Guignot L, Bell KS, Lim-Fraser M, Cooney G, Kraegen EW, Takayama S, Legare DJ, Macedo MP, Lautt WW, Bradley B, Barron P, Davies J, Ader M, Richey JM, Ait El Mkadem S, Macari F, Renard E, Méchaly I, Brun JF, Cros G, Bringer J, Del Aguila LF, Krishnan RK, Farrell PA, Ulbrecht J, Correll PH, Kirwan JP, Mei J, Rahn-Landström T, Brindley D, Manganiello V, Degerman E, Ziv E, Shafrir E, Kaiman R, Galer S, Bar-On H, Gerő L, Földes K, Janssen J, Járay J, Perner F, Haap M, Houdali B, Schmit MB, Dietze GJ, Perrini S, Natalicchio A, Montrone C, de Robertis O, De Pergola G, Strack V, Kellerer M, Kausch C, Condorelli G, Beguinot F, Häring HU, Song XM, Chibalin AV, Ryder JW, Jiang XJ, Alessi DR, Hennige AM, Metzinger E, Seipke G, Trüb T, Hey A, Sørensen AR, Schäffer L, Drejer K, Kurtzhals P, Hansen BF, Matozaki T, Noguchi T, Yamao T, Takada T, Ochi F, Takeda H, Inagaki K, Hosoka T, Kasuga M, Schürt M, Meier M, Drenckhan M, Meyer M, Aries SP, Klein HH, Telting D, van der Zon GC, Dorrestijn J, Maassen JA, Clapham JC, Holder JC, Tomlinson KM, Pickavance L, Buckingham R, Wilding J, Jacinto SM, Harrold J, Ljung B, Kjellstedt A, Thalén P, Widdowson P, Williams G, Oakes N, Aoki K, Saito T, Satoh S, Mukasa K, Kaneshiro M, Kawasaki S, Hoshino K, Okamura A, Sekihara H, Smith U, Johansson A, Nilsson E, Olausson T, Nakazawa T, Suzuki M, Martinez J, Murado P, Azal Ö, Yönem A, Çakır B, Polat Z, Kutlu M, Çorakçı A, Bayraktar M, Gürlek A, Koray Z, Damian MS, Linn T, Laube H, Arzner S, Meißner HP, Giunti S, Comune M, Cassader M, Conte MR, Sacchi C, Musso G, Mecca F, Depetris N, Gambino R, Perin PC, Kawakami S, Sandqvist M, Jansson PA, Šindelka G, Widimský J, Haas T, Prázný M, Mari A, Nolan JJ, Uusitupa MI, Karşıdağ K, Hacıhanefioğlu B, Dinççağ N, Drivsholm T, Palacios RT, Vølund A, Pedersen OB, Letiexhe MR, Scheen AJ, Quiñones Galvan A, Simeoni M, Basu A, Uosukainen A, Mäkimattila S, Schlenzka A, Adler AI, Levy J, Stevens R, Matthews D, Holman R, Boland BJ, Jeanjean M, Hermans MP, Maudoigt C, Tonglet R, Robert A, Quiñones-Galvan A, Cini G, Galetta F, Sanna G, Gernone F, Janssen MJ, Gonera RK, Wolffenbuttel BH, de Leeuw PW, Schaper NC, Molęda P, Kuczerowski R, Czech A, Tatoń J, Taddei S, Patiag D, Qu X, Wilkes M, Gray S, Seale JP, Donnelly R,

Campión J, Maestro B, Dávila N, Carranza MC, Calle C, Hales CN, Fernández-Real JM, Grasa M, Pugeat M, Barret C, Ricart W, Lindmark S, Olsson T, Tufvesson M, Loeblein K, Mehnert B, Haering HU, Rave K, Heise T, Clauson P, Hirschberger S, Heinemann L, Claret M, Nadal B, Truc A, Rossi L, Hildebrand P, Ketterer S, Beglinger C, Keller U, Gyr K, Parvin S, Overkamp D, Vayreda M, González-Huix F, G-Huix F, Zavaroni I, Gasparini P, Massironi P, Zuccarelli A, Delsignore R, Reaven GM, Sheu WH, Lee WJ, Chen YT, Iraklianou S, Tournis S, Volonakis I, Spylopoulou M, Bilianou E, Melidonis A, Foussas S, Güler S, Çakir B, Demi Rbaş B, Gürsoy G, Serter R, Aral Y, Morton G, Lee S, Fahey R, de Silva A, Cai XJ, Buckingham RE, Arch JR, Wilson S, Clausen JT, Kristensen P, Nielsen PF, Wulff BS, Thim L, Holness MJ, Sugden MC, Fryer LG, Munns MJ, Mannucci E, Ognibene A, Cremasco F, Bardini G, Mencucci A, Ciani S, Pierazzuoli E, Tsuehihashil K, Rigalleau V, Delafaye C, Baillet L, Vergnot V, Brunou P, Gatta B, Gin H, Felber JP, Munger R, Assimacopoulos F, Bobbioni E, Golay A, Wilken M, Larsen FS, Buckley D, Molina LM, Marquez L, Arbeo A, Hernandez C, Kofod H, Damholt AB, Buchan A, Márquez L, Luque MA, Sarti L, Sutton PJ, Behle K, Heimesaat MM, Hüfner M, Gravholt CH, Møller N, Christiansen JS, Schmitz O, Deacon CF, Brock B, Knudsen LB, Agersø H, Huusfeldt PO, Kelly CM, Brunn C, Schioos J, Sewing S, Lemansky P, Wawro S, Mest HJ, Taguchi T, Motoshima H, Yoshizato K, Guenifi A, Henriksson M, Johansson J, Shafqat J, Tally M, Wahren J, Jömvall H, Ekberg K, Rigler R, Pramanik A, Kratz G, Johansson BL, Uhlén M, Jörnvall H, Forst T, Dufayet De La Tour D, Kunt T, Pfützner A, Goitom K, Pohlmann T, Schneider S, Johansson BL, Löbig M, Engelbach M, Beyer J, Ekman B, Nyström F, Arnqvist HJ, Halvatsiotis PG, Meek S, Bigelow M, Nair KS, Maghsoudi S, Fisker S, Vølund AA, Jørgensen JO, Christiansen JS, Hilsted J, Mazerkina NA, Tiulpakov AN, Gorelyshev SK, Peterkova VA, Macut DJ, Dieguez C, Casanueva FF, Catalina PF, Mallo F, Andrade A, García-Mayor RV, Popova VV, Ter Maaten JC, Popp-Snijders C, Madsen L, Ukropec J, Bergene E, Rnstan AC, Berge R, Arner P, Wahl G, Häring H, Bryson JM, Curtis SE, Caterson ID, Winzell MS, Svensson H, Ahnén B, Holm C, Phillips C, Madigan C, Owens D, Collins P, Johnson A, Tomkin GH, Cabezas MC, van Oostrom AJ, Erkelens DW, Summers LK, Fielding BA, Ilic V, Clark ML, Frayn KN, Pietzsch J, Julius U, Nitzsche S, Fischer S, Lindgren C, Amrot-Fors L, Hoffmann MM, Luft D, Schmülling RM, D'Adamo M, Leonetti F, Paoloni A, Ribaudo MC, Basso MS, Elmore U, Restuccia A, Sbraccia P, Emilsson V, O'Dowd J, Heyman R, Cawthorne MA, Pelikánová T, Kazdová L, Žák A, Chvojková Š, Özer EM, Kadıoğlu P, Korugan Ü, Hatemi H, Rivellese AA, Dullaart RP, Riemens SC, Sluiter WJ, van Tol A, Farnier M, Megnien S, Turpin G; Cerivastatin Combination Therapy Study Group, Stulp BK, Brambilla P, Brunelli A, Riva MC, Manzoni P, de Poli S, Riboni S, Stolk RP, Meijer R, Wink O, Zelissen PM, van Gils AP, Grobbee DE, Vilarrasa N, Gimenez O, Lopez L, Insa R, Fdez Castañer M, Cabrera-Rode E, Perich P, Diaz-Horta O, Molina G, Fernández Castañer M, López L, Jiménez O, Boltaña A, Ampudia-Blasco FJ, Martínez I, Civera M, Ascaso JF, Carmena R, Ahmed K, Luzio S, Furmaniak V, Owens DR, Dionadji M, Mbaissoourom M, Anderson J, Garg S, MacKenzie T, Shephard M, Peery B, Chase H, Holstein A, Thießen E, Kaufmann N, Egberts EH, Lutgers HL, Hullegie LM, Hoogenberg K, Wientjes KJ, Schoonen AJ, Wientjes KJ, Schoonen AJ, Weitgasser R, Gappmayer B, Pichler M, Sapin R, Friess P, Eskes SA, de Vries JH, Pouwer F, van Ballegooie E, Spijker AJ, Jeng L, Winsett J, Tubiana-Rufi N, Munz-Licha G, Polak M, Sheehan J, Ulchaker M, Toeller M, Üstün A, Yilmaz MT, Aparicio M, Peyron E; EURODIAB Complications Study Group, Rizkalla SW, Taverna M, Guerre-Millo M, Chevalier A, Pacher N, Slama G, Gorshunska M, Buyken AE, Heitkamp G, Kabir M, Oppert JM, Wursch P, Bruzzo F, Rahman MH, Fatima K, Ahmed S, Mondal HN, Yilmaz M, Öztok U, Karakoç A, Çakir N, Düzgün E, Yetkin I, Arslan M, Şardaş S, Wilding J, Géloën A, Baret G, Dalmaz Y, Peyronnet J, Clémenceau B, Martignat L, Lalain S, Gouin E, Kenda-Ropson N, Miller AO, You S, Aguilera E, Recasens M, Flores L, Ricart MJ, Fernández-Cruz L, Esmatjes E, Crenier L, Noël C, Le Moine A, Mahy M, Danguy A, Kiss R, Goldman M, Bracci C, De Haan B, Nilsson K, Deschamps JY, Glagoličová A, Smrčková I, Dieterle C, Illner WD, Land W, Feldmeier H, Scheuer R, Lalli C, Di Loreto C, Ellringmann U, Balks HJ, V Zur Mühlen A, Dengler R, Weissenborn K, Rasmussen BM, Ørskov L, Watson J, Owen G, Barrett G, Ingleby J, Weiss M, Deary I, Cavan D, Kerr D, Bruneii A, Cuce' A, Elsing HG, Kühne D, Quinn ND, Warner DP, Buysschaert M, Jamal R, O'Brien T, Latare P, Mullen J, Rein A, Wargo M, Parkes JL, Ginsberg B, Sotiropoulos A, Peppas TA, Kotsini V, Apostolou O, Bousboulas S, Michailidis E, Sawala M, Pappas S, Nilsson PM, Nilsson JÅ, Berglund G, Molins T, Esteban JI, Genescà J, Paris I, Haufroid V, Selvais P, Petit

JM, Duong M, Grappin M, Guiguet M, Rudoni S, Portier H, Brun JM, Bagg W, Plank L, Drury PL, Sharpe N, Braatvedt GD, Carrascosa JM, Molero JC, Fermín Y, Andrés A, Satrústegui J, Rietzsch H, Patzak A, Schwanenbeck U, Simpson H, Robertson-Mackay F, Montegriffo E, Fox C, Chiasson JL, Josse RG, Dorman JM, Gerstein HC, Lau D, Leiter LA, Maheux P, Meneilly GS, Murphy L, Rodger NW, Ross SA, Ryan E, Yale JF, Wolever TM, Haller T, Elias I, Segal P, Standi E, Rybka J, Sencer E, Satman I, Schlcnzka A, Vakkilainen J, Tsaglis H, Ioannidis I, Giakoumaki A, Amantou A, Komitopoulos N, Georgiou S, Varsamis E, Katsilambros N, El Gayar M, Shereba N, Botros R, Fikry R, Jackson D, Balme M, Silva-Nunes J, Alves J, Bogalho P, Gardete-Correia L, Nunes-Corrêa J, Kot'átková A, Němcová D, Vrbíková J, Zamrazil V, Meyer L, Delbachian I, Lehert P, Cugnarney N, Drouin P, Guerci B, Wagner OF, Jones NP, Vallance SE, Thompson KA, Miller AK, Inglis AM, Patterson S, Jorkasky D, Freed MI, Mathisen AL, Schneider R, Rubin C, Houser V, Beebe KL, Kortboyer JM, Eckland DJ, Cranmer H, Mori Y, Kurokawa N, Komiya H, Horikoshi H, Yokoyama J, Tajima N, Ikeda Y, Bakst A, Hemyari P, Lönnqvist F, Owen S, Vikramadithyan RK, Chakrabarti R, Misra P, Prem Kumar M, Sunil Kumar KB, Ghosh A, Rajagopalan R, Goldstein B, Katoh S, Tsuruoka N, Hata S, Matsushima M, Ikemoto S, Inoue Y, Edwards G, Fonseca V, Biswas N, Bakris G, Viberti G, Rebuck AS, Weill S, Abel MG, Klappoth W, Brodesser A, Linkeschowa R, Pushparaj P, Tan CH, Tan BK, Bahner A, Parker J, Waite G, Lipson V, Nahar N, Rokeya B, Parveen S, Nur-E-Alam M, Mosihuzzaman M, Hansen AK, Lepore M, Kurzhals R, Pampanelli S, Fanelli CG, Bolli GB, Ratner RE, Hirsch IB, Mecca TE, Wilson CA, Mohideen P, Mudaliar S, Deutsch R, Ciaraldi T, Armstrong D, Kim B, Morrill B, Sha X, Henry R, Meyer BH, Scholtz HE, van Niekerk N, Rosenkranz B, Schoenle E; HOE 901/3003 study group, Witthaus E, Bradley C, Stewart J, Barbeau M, Myers S, Flora D, DiMarchi R, Chance R, Plum A, Larsen PS, Larsen UD, Kristensen JB, Jansen JA, Olsen B, Mortensen H, Hylleberg B, Jacobsen LV, Gall MA, Søgaard B, Ewing FM, Ireland RH, Hoogwerf B, Raskin P, Jovanovic L, Leiter L, Boss AH, Bott U, Ebrahim S, Hirschberger S, Leukel P, Sieber HJ, McGill J, Kilo C, Kamp NM, Wutte A, Le Thai F, Balarac N, Allicar MP, Cazeneuve B, Augendre B, Wise SD, Seah ES, Koivisto V, Torlone E, Del Sindaco P, Ciofetta M, Hedman C, Orre Pettersson AC, Lindström T, Cernigoi AM, Kong N, Kitchen MM, Ryder RE, Petkova M, Angelova-Gateva P, Malone J, Arora V, Bue-Valleskey J, Pein M, Diebler F, Roach P, Gudat U, Dreyer M, Hanusch U, Ristic S, McLeod J, Hirschberg Y, Garreffa S, Keilson L, Mather S, Gagen K, Chen W, Dragonas N, Chuang LM, Juang JH, Wu HP, Chiang YD, Li KL, Jorgensen LN, Tai TY, Cheatham WW, Kennedy F, Woo V, Jain R, Boss A, Moses R, Clauson P, Fischer T, Björk S, Østergaard A, Langendorf KW, Hatorp V, Hasslacher C, Farrar NS, Chambers NJ, Denyer GS, Johnston GA, Hashiguchi S, Jönsson A, Hallengren B, Rydberg T, Herbaut C, Turc A, Mourand I, Chevassus H, Molinier N, Christensen AL, Mathiesen ER, Stage E, Damm P, Boivin S, Gross P, Pennington M, Harder T, Kohlhoff R, Dörner G, Rohde W, Plagemann A, Ferdeghini M, Murru S, Maffei M, Cecchetti P, Dunne F, Brydon P, Smith T, Proffitt M, Holder R, Gee H, Goulis DG, Teoh TG, Asatiani N, Elphick A, Natsvlishvili M, Chanturia T, Shelestova E, Ramazashvili M, Hod M, Cederberg J, Casi AL, Pampfer S, De Hertogh R, Hinck L, Aly S, Bertie J, Botta RM, Imbergamo MP, Impiccichè MG, Todaro B, Greco D, Ekbom P, Clausen P, Feldt-Rasmussen U, Feldt-Rasmussen B, Mølsted Pedersen L, Nørgaard K, Svenningsen A, Nielsen L, Zmudzińska M, Ziętek I, Min Y, Crawford MA, Bozzoni F, Corubolo C, Borrello E, Di Biase N, Spagnolo S, Hawthorne G, Sen D, Bagust A; Northern Diabetic Pregnancy Survey, Maier W, Currie CJ, Sailesh S, Patel V, Hayes D, Cockrill B, Gatling W, Budd S, Mullee MA, Savill AW, Smithers MG, Davies RR, Sandford A, Stutz L, Vadstrup S, Simonsen V, Musaeus L, Molsing B, Lyholm B, Turner BC, Jenkins E, Hejlesen OJ, Andreassen S, Hovorka R, Cavan DA, Klinge A, Strauss KW, Guthrie R, Testa M, Zimmerman R, Sandberg M, Steinfatt H, Hardenberg R, Gottsmann M, König A, Schmauß S, Hierl FX, Renders CM, Valk GD, van Eijk JT, van der Wal G, Jermendy G, Hídvégi T; Hungarian HbA1c Screening Study Group, Müller UA, Junghänel J, Köhler S, Köhler C, Schumann M, Use G, de Valk HW, Blankestijn JG, de Bruin HJ, Bottomley J, Gillam S, Holmes J, Murphy M; TARDIS Steering Committee and UK centres, Madani SF, Müller R, Hunger Dathe W, Grüßer M, Roien D, Hussain M, Vibe-Petersen J, Braun A, Schiel R, Höfer A, Leppert K, Trento M, Passera P, Tomalino M, Bajardi M, Vaccari P, Pagnozzi F, Pomero F, Molinatti GM, Porta M, Blaauwiek EE, Hania M, Scholten-Jaegers SM, Links TP, Perciun R, Dumitrescu C, Skeie S, Thue G, Sandberg S, Nordfeldt S, Ludvigsson J, García R, Suárez R, Henry JL, Kangas M, Wilson PH, Pibernik M, Szabo S, Metelko Ž, González-Clemente JM, Galdon G, De Pedro B,

Fontanals L, Miñarro A, Topsever P, Azik A, Karşıdağ K, Dündar Y, Şengül A, Vileikyte L, Apostolou T, Tomenson B, Bundy CH, Gokal R, Gormley DA; WHO/IDF Patient Empowerment Workshop, Baksi AK, Hrachovinová T, Csémy L, Bartášková D, Krch FD, Gåfvels MC, Lithner F, Branchtein L, Matos MC, Gaio D, Yamashita T, Pousada JM, Duncan BB, Schmidt MI; Brazilian Gestational Diabetes Study Group, Buchanan TA, Xiang AH, Tan S, Peters RK, Trigo E, Kjos SL, Lee WP, Azen S, Ilic S, Mezic J, Pettitt DJ, Bastyr EJ, Camps I, Salcedo MD, Rius F, Rubio M, Baptista C, Martins T, Ruas MM, Acosta D, Cerrillos L, Soto A, Quijada D, Morales F, Silva H, García-Hernandez N, Villamil F, Astorga R, Selby PL, Jude EB, Biggs AM, Al-Sabbagh S, Kumar S, Rowbotham J, McKenzie WE, Dodson PM, Barnett AH, Maresh M, Alevizaki M, Anastasiou E, Grigorakis SI, Philippou G, Michalopoulou G, Souvatzoglou A, Corcoy R, Pau E, Pascual E, García-Patterson A, Albareda ML, Ccrmeño J, Altirriba O, Adelantado JM, Ubeda J, Endocrinologia S, Reichelt AJ, Nucci L, Teixeira MM, Costa-E-Forti A, Ciampalini P, Giannone G, Benedetti S, Borrelli P, Czerniawska M, Manowska B, Rami B, Schober E, Hueppe A, Granditsch G, Huber W, Bittmann B, Jaeger A, Saukkonen T, Väisänen S, Savilahti E; Childhood Diabetes in Finland Study Group, Šumník Z, Kotalová R, Loudová M, Cinek O, Šnajderová M, Kolousková S, Vavřinec J, Barbato M, Viola T, Formisano M, Hovind P, Adler IA; UK Prospective Diabetes Study Group, Makita Z, Takeuchi M, Kamada Y, Koike T, Courrèges JP, Pradier P, Bacha J, Aboud E, André L, Lamarca R; Service of internal medecine - diabetologia - vascular diseases, Janeczko-Sosnowska E, Lewandowski Z, Janeczko D, Kopczyński J, Nakagami T, Tomonaga O, Babazono T, Iwamoto Y, Nakanishi K, Higa M, Kosugi E, Elving LD, Szadkowska A, Mirecka MW, Czerniawska E, Weekers L, Hadjadj S, Belloum R, Gallois Y, Bouhanick B, Marre M, Saucha W, Skwarna B, Zychma M, Żukowska-Szczechowska E, Zychma MJ, Zukowska-Szczechowska E, Nazim J, Dziatkowiak H, Sanak M, Cieślik G, Nannipieri M, Viberti GC, De Cosmo S, Piras G, Errannini E, Uchigata Y, Miura J, Okada T, Gong JS, Zhang J, Tanaka M, Wamoto Y, Zucaro L, Bacci S, Miscio G, Thomas M, Piras GP, Cavallo Perin P, Mauer M, Barzon I, Bortoloso E, Saller A, Crepaldi G, Latif ZA, Christensen PK, V Larsen S, Olsen S, Bombonato G, Sacerdoti D, Chiesura-Corona M, Marangon A, Rudberg S, Rasmussen L, Bangstad HJ, Ösrterby R, Sivous GI, Kasatkina EP, Demurov LM, Nosikov VV, Kotova AK, Kuraeva TL, Mishina II, Gorashko NM, Nosicov VV, Petercova VA, Berrut G, Alhenc-Gelas F, Tsimaratos M, Gerbi A, Barone R, Ollerton RL, Playle RA, Luzio SD, Evans WD, Burch A, Siebenhofer A, Meinitzer A, Brandmaier H, Brunner G, Plank J, West P, Tindall H, McKenna K, Smith D, Tormey W, Kesson CM, Thompson CJ, Penno G, Anichini R, Bandinelli S, Boldrini E, Giannarelli R, Piazza F, Pucci L, Karunakaran S, Morris RJ, Nádas J, Farkas K, Daróczy A, Péterfai É, Svensson M, Weigert C, Facchin S, Gambaro G, Brodbeck K, Schleicher E, Tada H, Nomura K, Kuboki K, Tsukamoto M, Inokuchi T, Menè P, Pugliese F, Iino K, Yoshinari M, Iwase M, Asano T, Sonoki K, Wakisaka M, Takata Y, Ujishima M, Del Prete D, Anglani F, Antonucci F, Mauri JM, Vallés M, Gutiérrez C, Vendrell J, Shinada M, Akdeniz A, Panagiotopoulos P, Bach LA, Law VA, Lecomte PP, Yokota C, Okuda Y, Odawara M, Yamashita K, Yamada N, Kawai K, Açıbay Ö, Mazlum A, Kural E, Gündöđu S, Jensen C, Körner A, Eklöf AC, Jaremko G, Lal M, DiBona G, Aperia A, Yavuz DG, Tuncer M, Sargon M, Küçükkaya B, Ahiskalı R, Akalın S, Nohara E, Oates PJ, Ellery CA, Yonem A, Azal O, Cakýr B, Erdogan MF, Corakcý A, Ozdemir IC, Stevens RJ, Yudkin JS, Webber J, Wheeler DC, Taylor KG, Jones SL, Srivatsa A, Anderson SG, Cruikshank JK, Florkowski CM, Scott RS, Graham PJ, Moir CL, Flores C, Ruggenenti P, Dodesini AR, Vasile B, Gaspari F, Arnoldi F, Ferrari S, Ciocca I, Spalluzzi A, Remuzzi G, Delvigne C, Ballaux D, Bosman DR, Winkler AS, Marsden J, Watkins PJ, Strutton D, Erbey JR, Jacobsen P, Rossing K, Jensen JS, Mansfield MW, Kowalska I, Telejko B, Bachórzewska-Gajewska A, Prokop J, Kochman W, Musiał W, Naskręt D, Oleksa R, Zozulińska D, Sowiński J, Wierusz-Wysocka B, Klamann A, Jonas M, Müller-Lung U, Heuser L, Launhardt V, Valensi P, Pariès J, Torremocha F, Brulport V, Sachs RN, Vanzetto G, Levy M, Lormeau B, Halimi S, Performis A, Boumal D, Zimmermann C, Bernard Y, Sabbah A, Meneveau N, Gautier S, Bassand JP, Anděl M, Kraml P, Potočková J, Dvořáková H, Trešlová L, Nuttall SL, Martin U, Kendall MJ, Schiaffini R, Pantaleo A, Battocletti T, Vaccari V, Brufani C, Martuscelli E, Gargiulo P, Nieszner E, Posa I, Kocsis E, Préda I, Pogatsa G, Koltai MZ, Stefanidis A, Manoussakis S, Handanis S, Zairis M, Vitalis D, Dadiotis L, Fiorina P, La Rocca E, Astorri E, Rossetti C, Lucignani G, Giudici D, Castoldi R, Mazarakis N, Giagiakou E, Karavidas A, Agellou A, Karamani O, Matsakas E, Caviezel F, Morricone L, Ranucci M, Denti S, Cazzaniga A, Enrini R, Isgrò G, González de

Molina FJ, Sala J, Masià R, Marrugat J, Kruszewski P, Wolnik B, Bieniaszewski L, Świerblewska E, Semetkowska-Jurkiewicz E, Krupa-Wojciechowska B, Vasilikos PG, Alaveras AE, Anastasopoulos NG, Chala E, Sidira M, Christakopoulos PD, Poulsen PL, Hansen KW, Ebbehøj E, Knudsen ST, Mogensen CE, Ramu Y, Vidyullatha Y, Strojek K, Gorska J, Morawin E, Ritz E, Ciavarella A, Malini PL, Strocchi E, Fiumi N, Ambrosioni E, Idzior-Waluś B, Stevens L, McEneny J, O'Kane MJ, Moles KW, McMaster C, Young IS, Leonhardt W, Konstadelou E, Gürlek A, Soedamah-Muthu S, Taskinen MR, Ehnholm C, Wägner A, Bayen L, Rigla M, Ortega E, Caixàs A, Mestrón A, Ordóñez J, Pérez A, Sotiropoulou G, Servais PL, Bertolotto A, Pilo M, Suchánková G, Andratschke S, Tschöp M, Strasburger CJ, Rizzo L, Aerts P, Vinckx M, Ansquer JC, Ryan M, Buter H, Navis GJ, de Jong PE, de Zeeuw D, Carreras G, Giménez G, Pou JM, Howorka K, Gabriel M, Pumprla J, Köves A, Bhowmik NB, Haque A, Rahman A, Paleari F, Gamba P, Mauri G, Rovaris G, Giannattasio C, Piatti ML, Zincone A, Cavaletti G, Mancia G, Lan S, Arezzo J, Gerber RA, Klioze SS, Saponara C, Tartaglione T, Cercone S, Caputo S, Meloni T, Brunetti D, Di Lazzaro V, Xu G, Jiang HY, Shy ME, Sugimoto K, Zhang WX, Kuchmerovskaya T, Donchenko G, Shymansky I, Kuchmerovsky N, Pakyrbaeva L, Cameron NE, Keegan A, Cotter MA, Mirrlees D, Smale SE, Biessels GJ, Duis SE, Kamal A, Gispert WH, Carrington A, Carman S, Smiarowski H, Lavoie D, Sawicki D, Sabetta A, Litchfield J, Van Zandt M, Sredy J, Smirnova V, Strokov I, Ivanova L, Ichunina A, Nakamura J, Nakayama M, Hamada Y, Chaya S, Kato K, Kasuya Y, Mizubayashi R, Miwa K, Yasuda Y, Kamiya H, Hotta N, Bíró K, Kukorelli T, Szilágyi N, Kürthy M, Komáromy A, Mogyorosi T, Nagy K, Çakir M, Baskal N, Güllü S, Elhan AH, Erdogan G, Ziegler D, Piolot R, Neubauer J, Senesi B, Bonetti R, Napolitano A, Canepa F, Ottonello P, Schabmann A, Giménez-Pérez G, Arroyo JA, López T, Ponz E, Mauricio D, Diem P, Zanchin L, Suter SL, Lefrandt JD, Smit A, van Roon AM, Dullaart R, Voita D, Mackevics V, Vitols A, Lengyel C, Farkas G, Török T, Légrády P, Várkonyi TT, Kardos A, Gingl Z, Kempler P, Rudas L, Lonovics J, Marchand M, Stevens LK, Tarnás G; EURODIAB IDDM Study Group, Estrella F, Christensen NJ, Keresztes K, Barna I, Hermányi Z, Vargha P, Bonnevie L, Chanudet X, Larroque P, Tutuncu NB, Deger A, Batur MK, Yıldırır A, Onalan O, Aksöyek S, Kabakçı G, Erbaş T, Galicka-Latała D, Surdacki A, Gerritsen J, TenVoorde BJ, Heethaar RM, Tagawa TS, Kodama M, Yoshioka R, Yamasaki Y, Didangelos T, Athyros V, Kontopoulos A, Papageorgiou A, Karamitsos D, Lacigová S, Rušavý Z, Kárová R, Perrild H, Kay L, Jørgensen T, Bień AI, Witek P, Geraldès E, Rodrigues D, Pereira L, Doménech A, Leitão P, Anagnostopoulos D, Foster AV, Nag S, Barsoum M, Lewis G, Dunlop N, Connolly V, Bilous R, Kelly W, Chantelau E, Gede A, Sharman D, O'Halloran D, Best C, Abbas ZG, Lutale J, Gill GV, Jarvis WR, Archibald LK, Corcoran S, Mansell J, Pibworth L, Terada H, Shiba T, Utugi N, Utugi T, Blum M, Strobel J, Höffken K, Razvi FM, Kritzinger EE, Taylor K, Jones S, Illahi W, Grüßer M, Hartmann P, Hoffstadt K, van Leiden HA, Moll AC, Polak BC, Pietragalla GB, Maurino M, Montanaro M, Karadeniz Ş, Tommasini P, Quadrini C, Demiraj V, Rispoli E, Ota A, Takama H, Saito N, Hemández C, Lepore D, Antico L, Giardina B, Franconi F, Michoud E, Chamot S, Riva C, Hammes HP, Renner O, Breier G, Lin J, Alt A, Betzholtz C, Bretzel RG 3rd, Manti R, Gallo M, Molinar Hin A, Brignardello E, Bocuzzi G, Li S, Xiang K, Zhang R, Shangguan X, Wu J, Donnan PT, Broomhall J, Hunter K, Morris AD; DARTS/MEMO Collaboration, Ioannidis G, Peppa M, Rontogianni E, Kallifronas M, Lekatsas I, Chrysanthopoulou G, Anthopoulos L, Kesse M, Thalassinos N, Neves C, Medina JL, Lopes F, Yılmaz M, Güvener N, Güvener M, Kocagöz T, Böke E, Paşaoglu I, Bascil Tutuncu N, Oto A, Karvonen MK, Koulu M, Pesonen U, Mercuri M, Rauramaa R; Pittsburgh Epidemiology of Diabetes Complications (EDC) Study, Rutter MK, Kesteven P, McComb JM, Marshall SM, Sobieska M, Wiktorowicz K, Kanters SD, Banga JD, Algra A, Frijns CJ, Beutler JJ, Fijnheer R, Nicoloff G, Baydanoff S, Stanimirova N, Petrova C, Lario S, Campistol JM, Cases A, Clària J, Iñigo P, Esmatjcs E, Sármán B, Tóth M, Kocsis I, Somogyi A, Bumbure A, Jachimowicz K, Samson J, Tomasiak M, Sobol A, Stańczyk L, Watala C, Stradina P, Wiśniewska-Jarosińska M, Marciniak D, Więclawska B, Watała C, Golański J, Zinnat R, Mahmud I, Büyükasık Y, Demiroğlu H, Szczepanik A, Skowroński M, Murawska A, Meeking DR, Allard S, Munday J, Chowienczyk P, Shaw KM, Cummings MH, Šimková R, Jirsa M, Hadoke PW, McIntyre CA, Jones GC, Williams BC, Elliott AI, McKnight JA, Pernow J, Bombonato GC, Finucci GF, Zotta L, Senses V, Ozyazgan S, Ince E, Tunçdemir M, Oztürk M, Sultuybek G, Akkan AG, Özyazgan S, Unlücerci Y, Bekpınar S, Meyer MF, Lee BC, Shore AC, Humphreys JM, Tooke JE, Dell'Omo G, Giovannitti G, Caricato F, Mariani M, Pedrinelli R, Kiviet-Boehm C, Schwelling V,

Matthäei S, Pfohl M, McInerney D, Itoh H, Ohno T, Katoh N, Baumgartner-Parzer S, Artwohl M, Graier W, Ludwig C, Tachi Y, Bannai C, Shinohara M, Shimpuku H, Ohura K, Bertacca A, Sasvári M, Szaleczki E, Pusztai P, Boes U, Klaus E, Dittrich P, Wagner Z, Wittmann I, Pótó L, Wagner L, Mazák I, Nagy J, Feletto F, Taboga C, Tonutti L, Lizzio S, Russo A, Selmo V, Ceriello A, Lekakis J, Papamichael CM, Stamatelopoulos K, Stamatelopoulos S, Yillar DO, Gay M, Lillaz E, Passaro A, Vanini A, Calzoni F, D'Elia K, Carantoni M, Zuliani G, Fellin R, Solini A, Chwatko G, Bald E, Dramaïs AS, Wallemacq PE, Vandeleene B, Ciaria MV, Ariano M, Strom R, Gibney J, Weiss U, Turner B, O'Gorman P, Watts G, Powrie J, Crook M, Shaw K, Cummings M. 35th Annual Meeting of the European Association for the Study of Diabetes : Brussels, Belgium, 28 September-2 October 1999. *Diabetologia*. 1999 Aug;42(Suppl 1):A1-A330. PubMed PMID: 27770183.

1341: Weliky M, Katz LC. Correlational structure of spontaneous neuronal activity in the developing lateral geniculate nucleus in vivo. *Science*. 1999 Jul 23;285(5427):599-604. PubMed PMID: 10417392.

1342: Piech-Dumas KM, Sterling CR, Tank AW. Regulation of tyrosine hydroxylase gene expression by muscarinic agonists in rat adrenal medulla. *J Neurochem*. 1999 Jul;73(1):153-61. PubMed PMID: 10386966.

1343: Adler JR Jr, Murphy MJ, Chang SD, Hancock SL. Image-guided robotic radiosurgery. *Neurosurgery*. 1999 Jun;44(6):1299-306; discussion 1306-7. PubMed PMID: 10371630.

1344: Korones DN, Meyers SP, Rubio A, Torres C, Constine LS. A 4-year-old girl with a ventriculoperitoneal shunt metastasis of a central nervous system atypical teratoid/rhabdoid tumor. *Med Pediatr Oncol*. 1999 May;32(5):389-91. PubMed PMID: 10219345.

1345: Kwon HY, Chang TM, Lee KY, Chey WY. Vagus nerve modulates secretin binding sites in the rat forestomach. *Am J Physiol*. 1999 Apr;276(4 Pt 1):G1052-8. PubMed PMID: 10198350.

1346: Richardson MG, Wissler RN. The effects of needle bevel orientation during epidural catheter insertion in laboring parturients. *Anesth Analg*. 1999 Feb;88(2):352-6. PubMed PMID: 9972755.

1347: Bédard JM, Richardson MG, Wissler RN. Epidural anesthesia in a parturient with a lumboperitoneal shunt. *Anesthesiology*. 1999 Feb;90(2):621-3. PubMed PMID: 9952171.

1348: Ferland RJ, Applegate CD. The role of the ventromedial nucleus of the hypothalamus in epileptogenesis. *Neuroreport*. 1998 Nov 16;9(16):3623-9. Erratum in: *Neuroreport* 2000 Mar 20;11(4):inside back cover, 899. PubMed PMID: 9858370.

1349: Callahan TA, Moynihan JA, Piekut DT. Central nervous system activation following peripheral chemical sympathectomy: implications for neural-immune interactions. *Brain Behav Immun*. 1998 Sep;12(3):230-41. PubMed PMID: 9769158.

1350: Kruszewska B, Felten DL, Stevens SY, Moynihan JA. Sympathectomy-induced immune changes are not abrogated by the glucocorticoid receptor blocker RU-486. *Brain Behav Immun*. 1998 Sep;12(3):181-200. PubMed PMID: 9769155.

1351: Tank AW, Osterhout CA, Sterling CR. Regulation of tyrosine hydroxylase activity by muscarinic agonists in rat adrenal medulla. *J Pharmacol Exp Ther*. 1998 Aug;286(2):848-54. PubMed PMID: 9694941.

1352: Brooks AI, Halterman MW, Chadwick CA, Davidson BL, Haak-Frendscho M, Radel C, Porter C, Federoff HJ. Reproducible and efficient murine CNS gene delivery using a microprocessor-controlled injector. *J Neurosci Methods*. 1998 Apr 30;80(2):137-47. PubMed PMID: 9667386.

- 1353: Li P, Chang TM, Chey WY. Secretin inhibits gastric acid secretion via a vagal afferent pathway in rats. *Am J Physiol.* 1998 Jul;275(1 Pt 1):G22-8. PubMed PMID: 9655680.
- 1354: Richardson MG, Dooley JW. The effects of general versus epidural anesthesia for outpatient extracorporeal shock wave lithotripsy. *Anesth Analg.* 1998 Jun;86(6):1214-8. PubMed PMID: 9620507.
- 1355: Butler-O'Hara M, LeMoine C, Guillet R. Analgesia for neonatal circumcision: a randomized controlled trial of EMLA cream versus dorsal penile nerve block. *Pediatrics.* 1998 Apr;101(4):E5. PubMed PMID: 9521971.
- 1356: ThyagaRajan S, Felten SY, Felten DL. Restoration of sympathetic noradrenergic nerve fibers in the spleen by low doses of L-deprenyl treatment in young sympathectomized and old Fischer 344 rats. *J Neuroimmunol.* 1998 Jan;81(1-2):144-57. PubMed PMID: 9521616.
- 1357: Yu Y, Schell MC, Zhang JB. Decision theoretic steering and genetic algorithm optimization: application to stereotactic radiosurgery treatment planning. *Med Phys.* 1997 Nov;24(11):1742-50. PubMed PMID: 9394281.
- 1358: Felten SY, Madden KS, Bellinger DL, Kruszewska B, Moynihan JA, Felten DL. The role of the sympathetic nervous system in the modulation of immune responses. *Adv Pharmacol.* 1998;42:583-7. PubMed PMID: 9327969.
- 1359: Yu Y. Multiobjective decision theory for computational optimization in radiation therapy. *Med Phys.* 1997 Sep;24(9):1445-54. PubMed PMID: 9304573.
- 1360: Chhibber AK, Perkins FM, Rabinowitz R, Vogt AW, Hulbert WC. Penile block timing for postoperative analgesia of hypospadias repair in children. *J Urol.* 1997 Sep;158(3 Pt 2):1156-9. PubMed PMID: 9258161.
- 1361: Moss AJ. Clinical management of patients with the long QT syndrome: drugs, devices, and gene-specific therapy. *Pacing Clin Electrophysiol.* 1997 Aug;20(8 Pt 2):2058-60. Review. PubMed PMID: 9272508.
- 1362: Blair ML, Woolf PD, Felten SY. Sympathetic activation cannot fully account for increased plasma renin levels during water deprivation. *Am J Physiol.* 1997 Apr;272(4 Pt 2):R1197-203. PubMed PMID: 9140020.
- 1363: Porterfield WR, Wu CL. Epidural hematoma in an ambulatory surgical patient. *J Clin Anesth.* 1997 Feb;9(1):74-7. PubMed PMID: 9051551.
- 1364: Pilcher WH, Langfitt J. Analysis of outcome: temporal lobe resection. *Clin Neurosurg.* 1997;44:401-21. Review. PubMed PMID: 10080018.
- 1365: Bellinger DL, Lorton D, Horn L, Brouxhon S, Felten SY, Felten DL. Vasoactive intestinal polypeptide (VIP) innervation of rat spleen, thymus, and lymph nodes. *Peptides.* 1997;18(8):1139-49. PubMed PMID: 9396054.
- 1366: Richardson MG, Thakur R, Abramowicz JS, Wissler RN. Maternal posture influences the extent of sensory block produced by intrathecal dextrose-free bupivacaine with fentanyl for labor analgesia. *Anesth Analg.* 1996 Dec;83(6):1229-33. PubMed PMID: 8942591.
- 1367: Mevorach DL. The management and treatment of recurrent postoperative laryngospasm. *Anesth Analg.* 1996 Nov;83(5):1110-1. PubMed PMID: 8895295.

- 1368: Ireland PD, Mickelsen D, Rodenhouse TG, Bakos RS, Goldstein B. Evaluation of the autonomic cardiovascular response in Arnold-Chiari deformities and cough syncope syndrome. *Arch Neurol.* 1996 Jun;53(6):526-31. PubMed PMID: 8660154.
- 1369: Holloway RG, Mushlin AI. Intracranial mass lesions in acquired immunodeficiency syndrome: using decision analysis to determine the effectiveness of stereotactic brain biopsy. *Neurology.* 1996 Apr;46(4):1010-5. PubMed PMID: 8780081.
- 1370: Richardson MG, Lee AC, Wissler RN. High spinal anesthesia after epidural test dose administration in five obstetric patients. *Reg Anesth.* 1996 Mar-Apr;21(2):119-23. PubMed PMID: 8829404.
- 1371: Satran R. Cerebral venous sinus surgery for epilepsy 60 years ago. *Arch Neurol.* 1996 Mar;53(3):274-6. PubMed PMID: 8651881.
- 1372: Kruszewska B, Felten SY, Moynihan JA. Alterations in cytokine and antibody production following chemical sympathectomy in two strains of mice. *J Immunol.* 1995 Nov 15;155(10):4613-20. PubMed PMID: 7594460.
- 1373: Ouriel K, Moss AJ. Long QT syndrome: an indication for cervicothoracic sympathectomy. *Cardiovasc Surg.* 1995 Oct;3(5):475-8. PubMed PMID: 8574528.
- 1374: Li P, Chang TM, Chey WY. Neuronal regulation of the release and action of secretin-releasing peptide and secretin. *Am J Physiol.* 1995 Aug;269(2 Pt 1):G305-12. PubMed PMID: 7653572.
- 1375: Porzelius J. Memory for pain after nerve-block injections. *Clin J Pain.* 1995 Jun;11(2):112-20. PubMed PMID: 7549166.
- 1376: Sherer DM, Allen TA, Ghezzi F, Epstein LG. Prenatal diagnosis of moderate unilateral hydrocephalus subsequently not requiring neonatal decompression. *Am J Perinatol.* 1995 Jan;12(1):50-2. PubMed PMID: 7710578.
- 1377: Smith FP. Archival correspondence regarding the origin of the Harvey Cushing Society: the American Association of Neurological Surgeons. *J Neurosurg.* 1994 Dec;81(6):950-5. PubMed PMID: 7965131.
- 1378: Bland LI, Lapham LW, Ketonen L, Okawara SH. Acute cerebellar hemorrhage secondary to capillary telangiectasia in an infant. A case report. *Arch Neurol.* 1994 Nov;51(11):1151-4. PubMed PMID: 7980112.
- 1379: Porter RH, Greene JG, Higgins DS Jr, Greenamyre JT. Polysynaptic regulation of glutamate receptors and mitochondrial enzyme activities in the basal ganglia of rats with unilateral dopamine depletion. *J Neurosci.* 1994 Nov;14(11 Pt 2):7192-9. PubMed PMID: 7965108.
- 1380: Collier TJ, Springer JE. Neural graft augmentation through co-grafting: implantation of cells as sources of survival and growth factors. *Prog Neurobiol.* 1994 Oct;44(3):309-31. Review. Erratum in: *Prog Neurobiol* 1995 Feb;45(3):iii. PubMed PMID: 7886229.
- 1381: Hansen JT, Gash DM. Adrenal medulla in neural grafting and neural plasticity. *Microsc Res Tech.* 1994 Oct 1;29(2):155-60. Review. PubMed PMID: 7812037.
- 1382: Di Preta JA, Powers JM, Hicks DG. Hyperostosis cranii ex vacuo: a rare complication of shunting for hydrocephalus. *Hum Pathol.* 1994 May;25(5):545-7. PubMed PMID: 8200652.

- 1383: Shady JA, Bland LI, Kazee AM, Pilcher WH. Osteoma of the frontoethmoidal sinus with secondary brain abscess and intracranial mucocele: case report. *Neurosurgery*. 1994 May;34(5):920-3; discussion 923. PubMed PMID: 8052396.
- 1384: Prasad AV, Pilcher WH, Joseph SA. Nuclear factor-kappa B in rat brain: enhanced DNA-binding activity following convulsant-induced seizures. *Neurosci Lett*. 1994 Mar 28;170(1):145-8. PubMed PMID: 8041493.
- 1385: Madden KS, Moynihan JA, Brenner GJ, Felten SY, Felten DL, Livnat S. Sympathetic nervous system modulation of the immune system. III. Alterations in T and B cell proliferation and differentiation in vitro following chemical sympathectomy. *J Neuroimmunol*. 1994 Jan;49(1-2):77-87. PubMed PMID: 8294564.
- 1386: Madden KS, Felten SY, Felten DL, Hardy CA, Livnat S. Sympathetic nervous system modulation of the immune system. II. Induction of lymphocyte proliferation and migration in vivo by chemical sympathectomy. *J Neuroimmunol*. 1994 Jan;49(1-2):67-75. PubMed PMID: 8294563.
- 1387: Epstein LG, Cvetkovich TA, Lazar ES, DiLoreto D, Saito Y, James H, del Cerro C, Kaneshima H, McCune JM, Britt WJ, et al. Human neural xenografts: progress in developing an in-vivo model to study human immunodeficiency virus (HIV) and human cytomegalovirus (HCMV) infection. *Adv Neuroimmunol*. 1994;4(3):257-60. Review. PubMed PMID: 7874392.
- 1388: Madden KS, Ackerman KD, Livnat S, Felten SY, Felten DL. Neonatal sympathetic denervation alters development of natural killer (NK) cell activity in F344 rats. *Brain Behav Immun*. 1993 Dec;7(4):344-51. PubMed PMID: 8280927.
- 1389: Collier TJ, Gallagher MJ, Sladek CD. Cryopreservation and storage of embryonic rat mesencephalic dopamine neurons for one year: comparison to fresh tissue in culture and neural grafts. *Brain Res*. 1993 Oct 1;623(2):249-56. PubMed PMID: 8106122.
- 1390: Bellinger DL, Lorton D, Hamill RW, Felten SY, Felten DL. Acetylcholinesterase staining and choline acetyltransferase activity in the young adult rat spleen: lack of evidence for cholinergic innervation. *Brain Behav Immun*. 1993 Sep;7(3):191-204. PubMed PMID: 8219410.
- 1391: Pearlman S, Levivier M, Gash DM. Striatal implants of fetal striatum or gelfoam protect against quinolinic acid lesions of the striatum. *Brain Res*. 1993 Jun 11;613(2):203-11. PubMed PMID: 8186968.
- 1392: Pilcher WH, Rusyniak WG. Complications of epilepsy surgery. *Neurosurg Clin N Am*. 1993 Apr;4(2):311-25. Review. PubMed PMID: 8467217.
- 1393: Rusyniak WG, Marchese MJ, Nelson CN. Benign meningioma with a short latency period following irradiation. *Surg Neurol*. 1992 Oct;38(4):261-4. PubMed PMID: 1440212.
- 1394: Rusyniak WG, Ireland PD, Radley MG, Pilcher WH, Okawara SH. Ultrasonographic and electrophysiological adjuncts to surgery within the brain stem: technical note. *Neurosurgery*. 1992 Oct;31(4):798-800; discussion 800-1. PubMed PMID: 1407472.
- 1395: Felten DL, Felten SY, Bellinger DL, Lorton D. Noradrenergic and peptidergic innervation of secondary lymphoid organs: role in experimental rheumatoid arthritis. *Eur J Clin Invest*. 1992 Oct;22 Suppl 1:37-41. PubMed PMID: 1281104.
- 1396: Rusyniak WG, Peterson PC, Okawara SH, Pilcher WH, George ED. Acute subdural hematoma after aneurysmal rupture; evacuation with aneurysmal clipping after emergent infusion computed

tomography: case report. *Neurosurgery*. 1992 Jul;31(1):129-31; discussion 131-2. PubMed PMID: 1641092.

1397: Sim LJ, Joseph SA. Efferent projections of the nucleus raphe magnus. *Brain Res Bull*. 1992 May;28(5):679-82. PubMed PMID: 1377586.

1398: Epstein LG, Cvetkovich TA, Lazar E, Dehlinger K, Dzenko K, del Cerro C, del Cerro M. Successful xenografts of second trimester human fetal brain and retinal tissue in the anterior chamber of the eye of adult immunosuppressed rats. *J Neural Transplant Plast*. 1992 Apr-Sep;3(2-3):151-8. PubMed PMID: 1515482; PubMed Central PMCID: PMC2565142.

1399: Brenner GJ, Felten SY, Felten DL, Moynihan JA. Sympathetic nervous system modulation of tumor metastases and host defense mechanisms. *J Neuroimmunol*. 1992 Apr;37(3):191-201. PubMed PMID: 1313828.

1400: Radley MG, McDonald JV. Meningeal hemangiopericytoma of the posterior fossa and thoracic spinal epidural space: case report. *Neurosurgery*. 1992 Mar;30(3):446-52. Review. PubMed PMID: 1620315.

1401: Mevorach RA, Hulbert WC, Merguerian PA, Rabinowitz R. Perforation and intravesical erosion of a ventriculoperitoneal shunt in a child with an augmentation cystoplasty. *J Urol*. 1992 Feb;147(2):433-4. PubMed PMID: 1732610.

1402: Bland LI, Welch WC, Okawara SH. Large cystic intraparenchymal brain metastasis from prostate cancer. *Neuroradiology*. 1992;34(1):70-2. PubMed PMID: 1553042.

1403: Moss AJ, Robinson J. Clinical features of the idiopathic long QT syndrome. *Circulation*. 1992 Jan;85(1 Suppl):I140-4. Review. PubMed PMID: 1345816.

1404: Collier TJ, Springer JE. Co-grafts of embryonic dopamine neurons and adult sciatic nerve into the denervated striatum enhance behavioral and morphological recovery in rats. *Exp Neurol*. 1991 Dec;114(3):343-50. PubMed PMID: 1748208.

1405: Cunningham LA, Hansen JT, Short MP, Bohn MC. The use of genetically altered astrocytes to provide nerve growth factor to adrenal chromaffin cells grafted into the striatum. *Brain Res*. 1991 Oct 11;561(2):192-202. PubMed PMID: 1686984.

1406: Ackerman KD, Madden KS, Livnat S, Felten SY, Felten DL. Neonatal sympathetic denervation alters the development of in vitro spleen cell proliferation and differentiation. *Brain Behav Immun*. 1991 Sep;5(3):235-61. Review. PubMed PMID: 1954402.

1407: Date I, Notter MF, Felten SY, Felten DL. Stereotaxic injection of GD1a ganglioside induces limited recovery of striatal dopaminergic system in MPTP-treated aging mice. *J Neurosci Res*. 1991 Apr;28(4):525-30. PubMed PMID: 1678435.

1408: Nussbaum CE, Okawara SH, Jacobs LS. Lymphocytic hypophysitis with involvement of the cavernous sinus and hypothalamus. *Neurosurgery*. 1991 Mar;28(3):440-4. Review. PubMed PMID: 2011230.

1409: Romano TA, Felten SY, Felten DL, Olschowka JA. Neuropeptide-Y innervation of the rat spleen: another potential immunomodulatory neuropeptide. *Brain Behav Immun*. 1991 Mar;5(1):116-31. PubMed PMID: 1906353.

- 1410: Ison JR, O'Connor K, Bowen GP, Bocirnea A. Temporal resolution of gaps in noise by the rat is lost with functional decortication. *Behav Neurosci.* 1991 Feb;105(1):33-40. PubMed PMID: 2025392.
- 1411: Pearlman SH, Levivier M, Collier TJ, Sladek JR Jr, Gash DM. Striatal implants protect the host striatum against quinolinic acid toxicity. *Exp Brain Res.* 1991;84(2):303-10. PubMed PMID: 1829685.
- 1412: Yurek DM, Steece-Collier K, Collier TJ, Sladek JR Jr. Chronic levodopa impairs the recovery of dopamine agonist-induced rotational behavior following neural grafting. *Exp Brain Res.* 1991;86(1):97-107. PubMed PMID: 1684547.
- 1413: Hansen JT, Gash DM. Functional aspects of mammalian neural transplantation. *Crit Rev Neurobiol.* 1991;6(2):79-98. Review. PubMed PMID: 1934089.
- 1414: Patt RB. Non-pharmacologic measures for controlling oncologic pain. *Am J Hosp Palliat Care.* 1990 Nov-Dec;7(6):30-7. Review. PubMed PMID: 14686471.
- 1415: Lorton D, Hewitt D, Bellinger DL, Felten SY, Felten DL. Noradrenergic reinnervation of the rat spleen following chemical sympathectomy with 6-hydroxydopamine: pattern and time course of reinnervation. *Brain Behav Immun.* 1990 Sep;4(3):198-222. PubMed PMID: 2128041.
- 1416: Phelps CJ, Carlson SW. Catecholamine reinnervation of supraoptic nucleus after deafferenting mechanical lesions and superior cervical ganglionectomy: histofluorescence and functional assessments in young adult and aged rats. *Brain Res.* 1990 Jun 25;521(1-2):153-60. PubMed PMID: 2207655.
- 1417: Romano J. Reminiscences: 1938 and since. *Am J Psychiatry.* 1990 Jun;147(6):785-92. PubMed PMID: 2188515.
- 1418: Bland LI, McDonald JV. Chondroma of the lumbar spine, a rare cause of sciatica: case report. *Neurosurgery.* 1990 Apr;26(4):685-7; discussion 688. PubMed PMID: 2330093.
- 1419: Nussbaum CE, McDonald JV, Baggs RB. Use of Vicryl (polyglactin 910) mesh to limit epidural scar formation after laminectomy. *Neurosurgery.* 1990 Apr;26(4):649-54. PubMed PMID: 2330087.
- 1420: Phelps CJ, Carlson SW, Sladek CD. Effect of surgical deafferentation of the hypothalamic supraoptic nucleus on urinary vasopressin levels in twenty-month-old rats. *Neurobiol Aging.* 1990 Mar-Apr;11(2):95-103. PubMed PMID: 2348903.
- 1421: Ladd AL, DeHaven KE, Thanik J, Patt RB, Feuerstein M. Reflex sympathetic imbalance. Response to epidural blockade. *Am J Sports Med.* 1989 Sep-Oct;17(5):660-7; discussion 667-8. PubMed PMID: 2610282.
- 1422: Nussbaum CE, Maurer PK, McDonald JV. Vicryl (polyglactin 910) mesh as a dural substitute in the presence of pia arachnoid injury. *J Neurosurg.* 1989 Jul;71(1):124-7. PubMed PMID: 2738630.
- 1423: Patt RB, Jain S. Recent advances in the management of oncologic pain. *Curr Probl Cancer.* 1989 May-Jun;13(3):129-96. Review. PubMed PMID: 2483539.
- 1424: Fortin TL, Sundaresan PR. Reserpine but not surgical denervation regulates rat renal beta-adrenergic receptors. *Am J Physiol.* 1989 Apr;256(4 Pt 2):F532-9. PubMed PMID: 2539742.
- 1425: Madden KS, Felten SY, Felten DL, Sundaresan PR, Livnat S. Sympathetic neural modulation of the immune system. I. Depression of T cell immunity in vivo and vitro following chemical

sympathectomy. *Brain Behav Immun.* 1989 Mar;3(1):72-89. PubMed PMID: 2504310.

1426: Constine LS, Randall SH, Rubin P, McDonald J. Craniopharyngiomas: fluctuation in cyst size following surgery and radiation therapy. *Neurosurgery.* 1989 Jan;24(1):53-9. PubMed PMID: 2927598.

1427: Jiang W, Uht R, Bohn MC. Regulation of phenylethanolamine N-methyltransferase (PNMT) mRNA in the rat adrenal medulla by corticosterone. *Int J Dev Neurosci.* 1989;7(5):513-20. PubMed PMID: 2816488.

1428: Fiandaca MS, Kordower JH, Hansen JT, Jiao SS, Gash DM. Adrenal medullary autografts into the basal ganglia of Cebus monkeys: injury-induced regeneration. *Exp Neurol.* 1988 Oct;102(1):76-91. PubMed PMID: 2903068.

1429: Adams JM, Farkas GA, Rochester DF. Vagal afferents, diaphragm fatigue, and inspiratory resistance in anesthetized dogs. *J Appl Physiol* (1985). 1988 Jun;64(6):2279-86. PubMed PMID: 3136122.

1430: Pilcher WH, Joseph SA, McDonald JV. Immunocytochemical localization of pro-opiomelanocortin neurons in human brain areas subserving stimulation analgesia. *J Neurosurg.* 1988 Apr;68(4):621-9. PubMed PMID: 2832554.

1431: Maurer PK, Okawara SH. Restoration of hearing after removal of cerebellopontine angle meningioma: diagnostic and therapeutic implications. *Neurosurgery.* 1988 Mar;22(3):573-5. PubMed PMID: 3258964.

1432: Kennedy RE. The orbital surgeon. *Trans Am Ophthalmol Soc.* 1988;86:136-57. PubMed PMID: 2979017; PubMed Central PMCID: PMC1298805.

1433: Murty CV, Rao KV, Chung KW, Roy AK. Independent regulatory influence of growth hormone on the hepatic synthesis of alpha 2u-globulin. *Endocrinology.* 1987 Nov;121(5):1819-23. PubMed PMID: 2444431.

1434: Liptak GS, McDonald JV. Ventriculoperitoneal shunts in children: factors affecting shunt survival. *Pediatr Neurosci.* 1985-1986;12(6):289-93. PubMed PMID: 3870651.

1)

Kimmell KT, Petraglia AL, Bakos R, Rodenhouse T, Maurer PK, Pilcher WH. The history of neurosurgery at the University of Rochester. *J Neurosurg.* 2014 Oct;121(4):989-94. doi: 10.3171/2014.7.JNS132658. Epub 2014 Aug 8. PubMed PMID: 25105700.

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