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Publications

Li H, Yang S, Zhong Y, Wang J, Li X, Gao H, Chen G. [Mechanical Thrombectomy](#) with or without [Intravenous Thrombolysis](#) in [Acute Ischemic Stroke](#): A Meta-Analysis for Randomized Controlled Trials. Eur Neurol. 2021 Nov 24;24:1-10. doi: 10.1159/000520085. Epub ahead of print. PMID: 34818658.

Li YY, Chen XH, Sun T, Hu Y, Zhou YH, Zhou YX. [The anti-cancer effect of [ZR30](#) protein via targeting [extracellular signal](#) proteins of different cell subpopulations of glioma]. Zhonghua Zhong Liu Za Zhi. 2018 Nov 23;40(11):812-817. doi: 10.3760/cma.j.issn.0253-3766.2018.11.003. Chinese. PubMed PMID: 30481930.

2: Sun B, Shi Z, Pu J, Yang S, Wang H, Yang D, Hao Y, Lin M, Ke W, Liu W, Guo F, Bai Y, Zhang S, Li Z, Li S, Zuo M, Xu G, Zi W, Liu X. Effects of mechanical thrombectomy for acute stroke patients with etiology of large artery atherosclerosis. J Neurol Sci. 2018 Oct 19;396:178-183. doi: 10.1016/j.jns.2018.10.017. [Epub ahead of print] PubMed PMID: 30476651.

3: Shao N, Mao J, Xue L, Wang R, Zhi F, Lan Q. Carnosic acid potentiates the anticancer effect of temozolomide by inducing apoptosis and autophagy in glioma. J Neurooncol. 2018 Nov 20. doi: 10.1007/s11060-018-03043-5. [Epub ahead of print] PubMed PMID: 30460630.

4: Liu H, Feng Y, Xu M, Yang J, Wang Z, Di G. Four-octyl itaconate activates Keap1-Nrf2 signaling to protect neuronal cells from hydrogen peroxide. Cell Commun Signal. 2018 Nov 15;16(1):81. doi: 10.1186/s12964-018-0294-2. PubMed PMID: 30442144; PubMed Central PMCID: PMC6238317.

5: Ji XY, Shi J, Dai XX, Sheng YJ, Xue YP, Liu JC, Cai HH, Dai XL, Chen YM, Zhang YS, Huang Q, Dong J. [Relevant molecular characteristics analysis on malignant transformation of interstitial cells induced by tumor stem cells in glioma microenvironment]. Zhonghua Yi Xue Za Zhi. 2018 Nov 6;98(41):3339-3344. doi: 10.3760/cma.j.issn.0376-2491.2018.41.010. Chinese. PubMed PMID:

30440125.

- 6: Zhang T, Sun W, Zhu J, Tang Y, Hui L, Zhou L, Xu J, Wang J. Effect of Adjunct Repetitive Transcranial Magnetic Stimulation in Elderly Patients with Acute Depressive Episode: Supporting Evidence from a Real-World Observation. *Am J Geriatr Psychiatry*. 2018 Oct 29. pii: S1064-7481(18)30531-1. doi: 10.1016/j.jagp.2018.10.010. [Epub ahead of print] PubMed PMID: 30424997.
- 7: Liu Y, Wang J, Lin L, Sang C, Lin Z, Pan Y, Fu X. Clinical Study on Complications of Intracranial Ruptured Aneurysm Embolization by Stent-Assisted Coil. *Med Sci Monit*. 2018 Nov 12;24:8115-8124. doi: 10.12659/MSM.911773. PubMed PMID: 30419569.
- 8: Xie T, Liu B, Dai CG, Lu ZH, Dong J, Huang Q. Glioma stem cells reconstruct similar immunoinflammatory microenvironment in different transplant sites and induce malignant transformation of tumor microenvironment cells. *J Cancer Res Clin Oncol*. 2018 Nov 10. doi: 10.1007/s00432-018-2786-2. [Epub ahead of print] PubMed PMID: 30415302.
- 9: Rui Q, Ni H, Liu H, Zhu X, Gao R. Coffee and tea consumption and the risk for subarachnoid hemorrhage: A meta-analysis. *Nutrition*. 2018 Jul 12;59:21-28. doi: 10.1016/j.nut.2018.06.026. [Epub ahead of print] PubMed PMID: 30415159.
- 10: Yao M, Sun H, Yuan Q, Li N, Li H, Tang Y, Leung GK, Wu W. Targeting proteoglycan receptor PTP σ restores sensory function after spinal cord dorsal root injury by activation of Erks/CREB signaling pathway. *Neuropharmacology*. 2018 Oct 28;144:208-218. doi: 10.1016/j.neuropharm.2018.10.035. [Epub ahead of print] PubMed PMID: 30393073.
- 11: He HL, Liu C, Li BX, Wang CQ, Li HT, Gu L. Estrogen-induced Tgfb1 and Bmpr1a Expression Repressed via Estrogen Receptor Beta in MC3T3-E1 Cells. *Chin Med J (Engl)*. 2018 Nov 5;131(21):2558-2565. doi: 10.4103/0366-6999.244117. PubMed PMID: 30381589.
- 12: Lu T, Wang Z, Prativa S, Xu Y, Wang T, Zhang Y, Yu L, Xu N, Tang J, You W, Chen G, Zhang JH. Macrophage Stimulating Protein (MSP) Preserves Blood Brain Barrier Integrity After Intracerebral Hemorrhage Through RON Dependent GAB1/Src/ β -catenin Pathway Activation in a Mouse Model. *J Neurochem*. 2018 Oct 31. doi: 10.1111/jnc.14622. [Epub ahead of print] PubMed PMID: 30380151.
- 13: Zhang Q, Yi DY, Xue BZ, Wen WW, Lu YP, Abdelmaksou A, Sun MX, Yuan DT, Zhao HY, Xiong NX, Xiang W, Fu P. CD90 determined two subpopulations of glioma-associated mesenchymal stem cells with different roles in tumour progression. *Cell Death Dis*. 2018 Oct 27;9(11):1101. doi: 10.1038/s41419-018-1140-6. PubMed PMID: 30368520; PubMed Central PMCID: PMC6204133.
- 14: Wang X, Dai X, Zhang X, Ma C, Li X, Xu T, Lan Q. 3D bioprinted glioma cell-laden scaffolds enriching glioma stem cells via epithelial-mesenchymal transition. *J Biomed Mater Res A*. 2018 Oct 22. doi: 10.1002/jbm.a.36549. [Epub ahead of print] PubMed PMID: 30350390.
- 15: Tao X, Liu Y, Chen J, Xu L, Zhou Z, Lei H, Yin Y. Assessment of Single-Barrel Superficial Temporal Artery-Middle Cerebral Artery Bypass in Treatment for Adult Patients with Ischemic-Type Moyamoya Disease. *Med Sci Monit*. 2018 Oct 19;24:7469-7474. doi: 10.12659/MSM.910252. PubMed PMID: 30339661; PubMed Central PMCID: PMC6203936.
- 16: Zhao CS, Li H, Wang Z, Chen G. Potential application value of xenon in stroke treatment. *Med Gas Res*. 2018 Sep 25;8(3):116-120. doi: 10.4103/2045-9912.241077. eCollection 2018 Jul-Sep. Review. PubMed PMID: 30319767; PubMed Central PMCID: PMC6178644.

- 17: Tao L, Zhang L, Gao R, Jiang F, Cao J, Liu H. Andrographolide Alleviates Acute Brain Injury in a Rat Model of Traumatic Brain Injury: Possible Involvement of Inflammatory Signaling. *Front Neurosci.* 2018 Sep 20;12:657. doi: 10.3389/fnins.2018.00657. eCollection 2018. PubMed PMID: 30294256; PubMed Central PMCID: PMC6158349.
- 18: Xue T, Chen Z, Lin W, Xu J, Shen X, Wang Z. Hydrogel coils versus bare platinum coils for the endovascular treatment of intracranial aneurysms: a meta-analysis of randomized controlled trials. *BMC Neurol.* 2018 Oct 5;18(1):167. doi: 10.1186/s12883-018-1171-8. PubMed PMID: 30290784; PubMed Central PMCID: PMC6172718.
- 19: Wu H, Li X, Feng M, Yao L, Deng Z, Zao G, Zhou Y, Chen S, Du Z. Downregulation of RNF138 inhibits cellular proliferation, migration, invasion and EMT in glioma cells via suppression of the Erk signaling pathway. *Oncol Rep.* 2018 Dec;40(6):3285-3296. doi: 10.3892/or.2018.6744. Epub 2018 Sep 28. PubMed PMID: 30272353; PubMed Central PMCID: PMC6196598.
- 20: Huang HY, Zhai W, Tang H, Hui GZ, Wu ZB. Cabergoline for the treatment of bromocriptine-resistant invasive giant prolactinomas. *Endocrine.* 2018 Nov;62(2):464-469. doi: 10.1007/s12020-018-1702-5. Epub 2018 Sep 20. PubMed PMID: 30238326.
- 21: Liu H, Shi H, Pan P. Brain structural and functional alterations in insomnia disorder: More "homogeneous" research is needed. *Sleep Med Rev.* 2018 Dec;42:234-235. doi: 10.1016/j.smrv.2018.08.005. Epub 2018 Aug 26. PubMed PMID: 30236505.
- 22: Wang J, Jin Y, Li J. Protective role of fentanyl in lipopolysaccharide-induced neuroinflammation in BV-2 cells. *Exp Ther Med.* 2018 Oct;16(4):3740-3744. doi: 10.3892/etm.2018.6590. Epub 2018 Aug 9. PubMed PMID: 30233733; PubMed Central PMCID: PMC6143851.
- 23: Tan S, Chen P, Ji J, Guo S, Yu D, Asakawa T, Zhou Y, Abe M, Zong L. Genomic Subtypes of GISTS for Stratifying Patient Response to Sunitinib following Imatinib Resistance: A Pooled Analysis and Systematic Review. *Dis Markers.* 2018 Aug 26;2018:1368617. doi: 10.1155/2018/1368617. eCollection 2018. Review. PubMed PMID: 30224936; PubMed Central PMCID: PMC6129330.
- 24: Li X, Wang T, Zhang D, Li H, Shen H, Ding X, Chen G. Andrographolide ameliorates intracerebral hemorrhage induced secondary brain injury by inhibiting neuroinflammation induction. *Neuropharmacology.* 2018 Oct;141:305-315. doi: 10.1016/j.neuropharm.2018.09.015. Epub 2018 Sep 12. PubMed PMID: 30218674.
- Li X, Feng D, Chen G. An Update On Medical Treatment for Intracerebral Hemorrhage. *Transl Stroke Res.* 2018 Sep 11. doi: 10.1007/s12975-018-0664-5. [Epub ahead of print] PubMed PMID: 30206812.
- 26: Zhang Z, Wu Y, Yuan S, Zhang P, Zhang J, Li H, Li X, Shen H, Wang Z, Chen G. Glutathione peroxidase 4 participates in secondary brain injury through mediating ferroptosis in a rat model of intracerebral hemorrhage. *Brain Res.* 2018 Sep 8. pii: S0006-8993(18)30469-4. doi: 10.1016/j.brainres.2018.09.012. [Epub ahead of print] PubMed PMID: 30205109.
- 27: Guo ZY, Zhang B, Yan YH, Gao SS, Liu JJ, Xu L, Hui PJ. Specific matrix metalloproteinases and calcification factors are associated with the vulnerability of human carotid plaque. *Exp Ther Med.* 2018 Sep;16(3):2071-2079. doi: 10.3892/etm.2018.6424. Epub 2018 Jul 9. PubMed PMID: 30186442; PubMed Central PMCID: PMC6122340.
- 28: Liu T, Liu M, Zhang T, Liu W, Xu H, Mu F, Ren D, Jia N, Li Z, Ding Y, Wen A, Li Y. Z-Guggulsterone attenuates astrocytes-mediated neuroinflammation after ischemia by inhibiting toll-like receptor 4 pathway. *J Neurochem.* 2018 Aug 31. doi: 10.1111/jnc.14583. [Epub ahead of print] PubMed PMID:

30168601.

- 29: Cheng F, Xu M, Liu H, Wang W, Wang Z. A Retrospective Study of Intracranial Pressure in Head-Injured Patients Undergoing Decompressive Craniectomy: A Comparison of Hypertonic Saline and Mannitol. *Front Neurol.* 2018 Jul 31;9:631. doi: 10.3389/fneur.2018.00631. eCollection 2018. PubMed PMID: 30131757; PubMed Central PMCID: PMC6090152.
- 30: Li X, Zhang ZW, Wang Z, Li JQ, Chen G. The role of argon in stroke. *Med Gas Res.* 2018 Jul 3;8(2):64-66. doi: 10.4103/2045-9912.235129. eCollection 2018 Apr-Jun. Review. PubMed PMID: 30112168; PubMed Central PMCID: PMC6070843.
- 31: Yang Z, Zhang T, Wang Q, Gao H. Overexpression of microRNA-34a Attenuates Proliferation and Induces Apoptosis in pituitary neuroendocrine tumor Cells via SOX7. *Mol Ther Oncolytics.* 2018 Jul 9;10:40-47. doi: 10.1016/j.omto.2018.07.001. eCollection 2018 Sep 28. PubMed PMID: 30109259; PubMed Central PMCID: PMC6083820.
- 32: Wang X, Li X, Dai X, Zhang X, Zhang J, Xu T, Lan Q. Bioprinting of glioma stem cells improves their endotheliogenic potential. *Colloids Surf B Biointerfaces.* 2018 Nov 1;171:629-637. doi: 10.1016/j.colsurfb.2018.08.006. Epub 2018 Aug 7. PubMed PMID: 30107336.
- 33: Hui X, Zhang S, Wang Y. miR-454-3p suppresses cell migration and invasion by targeting CPEB1 in human glioblastoma. *Mol Med Rep.* 2018 Oct;18(4):3965-3972. doi: 10.3892/mmr.2018.9386. Epub 2018 Aug 14. PubMed PMID: 30106109.
- 34: Wu Z, Liu AF, Zhou J, Zhang Y, Wang K, Li C, Qiu H, Jiang WJ. The safety of triple antiplatelet therapy under thromboelastography guidance in patients undergoing stenting for ischemic cerebrovascular disease. *J Neurointerv Surg.* 2018 Aug 12. pii: neurintsurg-2018-013987. doi: 10.1136/neurintsurg-2018-013987. [Epub ahead of print] PubMed PMID: 30100558.
- 35: Bao Y, Yang M, Jin C, Hou S, Shi B, Shi J, Lin N. Preoperative Hematologic Inflammatory Markers as Prognostic Factors in Patients with Glioma. *World Neurosurg.* 2018 Nov;119:e710-e716. doi: 10.1016/j.wneu.2018.07.252. Epub 2018 Aug 6. PubMed PMID: 30092479.
- 36: Chen Z, Xu N, Zhao C, Xue T, Wu X, Wang Z. Bevacizumab combined with chemotherapy vs single-agent therapy in Glioblastoma recurrence: evidence from randomized controlled trials. *Cancer Manag Res.* 2018 Jul 23;10:2193-2205. doi: 10.2147/CMAR.S173323. eCollection 2018. PubMed PMID: 30087578; PubMed Central PMCID: PMC6061394.
- 37: Li X, Wang X, Wang X, Chen H, Zhang X, Zhou L, Xu T. 3D bioprinted rat Schwann cell-laden structures with shape flexibility and enhanced nerve growth factor expression. *3 Biotech.* 2018 Aug;8(8):342. doi: 10.1007/s13205-018-1341-9. Epub 2018 Jul 27. PubMed PMID: 30073127; PubMed Central PMCID: PMC6063810.
- 38: Wang H, He Z, Xia L, Zhang W, Xu L, Yue X, Ru X, Xu Y. PSMB4 overexpression enhances the cell growth and viability of breast cancer cells leading to a poor prognosis. *Oncol Rep.* 2018 Oct;40(4):2343-2352. doi: 10.3892/or.2018.6588. Epub 2018 Jul 20. PubMed PMID: 30066880.
- 39: Zhou K, Zhang C, Yao H, Zhang X, Zhou Y, Che Y, Huang Y. Knockdown of long non-coding RNA NEAT1 inhibits glioma cell migration and invasion via modulation of SOX2 targeted by miR-132. *Mol Cancer.* 2018 Jul 27;17(1):105. doi: 10.1186/s12943-018-0849-2. PubMed PMID: 30053878; PubMed Central PMCID: PMC6064054.

- 40: Wang X, Li X, Dai X, Zhang X, Zhang J, Xu T, Lan Q. Coaxial extrusion bioprinted shell-core hydrogel microfibers mimic glioma microenvironment and enhance the drug resistance of cancer cells. *Colloids Surf B Biointerfaces*. 2018 Nov 1;171:291-299. doi: 10.1016/j.colsurfb.2018.07.042. Epub 2018 Jul 19. PubMed PMID: 30048904.
- 41: Cao J, Zhuang Y, Zhang J, Zhang Z, Yuan S, Zhang P, Li H, Li X, Shen H, Wang Z, Chen G. Leucine-rich repeat kinase 2 aggravates secondary brain injury induced by intracerebral hemorrhage in rats by regulating the P38 MAPK/Drosha pathway. *Neurobiol Dis*. 2018 Nov;119:53-64. doi: 10.1016/j.nbd.2018.07.024. Epub 2018 Jul 23. PubMed PMID: 30048803.
- 42: Xu X, Bao Z, Liu Y, Jiang K, Zhi T, Wang D, Fan L, Liu N, Ji J. PBX3/MEK/ERK1/2/LIN28/let-7b positive feedback loop enhances mesenchymal phenotype to promote glioblastoma migration and invasion. *J Exp Clin Cancer Res*. 2018 Jul 17;37(1):158. doi: 10.1186/s13046-018-0841-0. PubMed PMID: 30016974; PubMed Central PMCID: PMC6050701.
- 43: Shao NY, Wang DX, Wang Y, Li Y, Zhang ZQ, Jiang Q, Luo W, Cao C. MicroRNA-29a-3p Downregulation Causes Gab1 Upregulation to Promote Glioma Cell Proliferation. *Cell Physiol Biochem*. 2018;48(2):450-460. doi: 10.1159/000491776. Epub 2018 Jul 17. PubMed PMID: 30016785.
- 44: Yang D, Tao C, Zhou S, Wang Z. The Outcome of Sling Retraction Technique in Microvascular Decompression for Hemifacial Spasm. *J Craniofac Surg*. 2018 Nov;29(8):e764-e767. doi: 10.1097/SCS.0000000000004727. PubMed PMID: 30015734.
- 45: Xu N, Chen Z, Zhao C, Xue T, Wu X, Sun X, Wang Z. Different doses of tenecteplase vs alteplase in thrombolysis therapy of acute ischemic stroke: evidence from randomized controlled trials. *Drug Des Devel Ther*. 2018 Jul 6;12:2071-2084. doi: 10.2147/DDDT.S170803. eCollection 2018. PubMed PMID: 30013325; PubMed Central PMCID: PMC6038859.
- 46: Qian Z, Li Y, Ma J, Xue Y, Xi Y, Hong L, Dai X, Zhang Y, Ji X, Chen Y, Sheng M, Sheng Y, Yang L, Liu J, Dai X, Shi J, Xie T, Dong J. Prognostic value of NUSAP1 in progression and expansion of glioblastoma multiforme. *J Neurooncol*. 2018 Jul 11. doi: 10.1007/s11060-018-2942-1. [Epub ahead of print] PubMed PMID: 29995176.
- 47: Li L, Du Y, Xiang D, Chen L, Shi Z, Tian J, Chen X. Prediction of the anti-glioma therapeutic effects of temozolomide through in vivo molecular imaging of MMP expression. *Biomed Opt Express*. 2018 Jun 20;9(7):3193-3207. doi: 10.1364/BOE.9.003193. eCollection 2018 Jul 1. PubMed PMID: 29984093; PubMed Central PMCID: PMC6033562.
- 48: Zhong C, Chen Y, Tao B, Peng L, Peng T, Yang X, Xia X, Chen L. LIM and SH3 protein 1 regulates cell growth and chemosensitivity of human glioblastoma via the PI3K/AKT pathway. *BMC Cancer*. 2018 Jul 6;18(1):722. doi: 10.1186/s12885-018-4649-2. PubMed PMID: 29980193; PubMed Central PMCID: PMC6035445.
- 49: Fei X, Wang A, Meng X, Wang Z. Reshaping acetylated peptide selectivity between human BET Brd2 bromodomains BD-I and BD-II in glioblastoma by rationally grafting secondary anchor residues. *Gen Physiol Biophys*. 2018 Jul;37(4):411-419. doi: 10.4149/gpb_2017063. Epub 2018 Jun 29. PubMed PMID: 29956673.
- 50: Barth RF, Mi P, Yang W. Boron delivery agents for neutron capture therapy of cancer. *Cancer Commun (Lond)*. 2018 Jun 19;38(1):35. doi: 10.1186/s40880-018-0299-7. Review. PubMed PMID: 29914561; PubMed Central PMCID: PMC6006782.
- 51: Jiang N, Meng C, Han X, Guo J, Li H, Yu Z. Low-dose cisplatin causes growth inhibition and loss of

autophagy of rat astrocytes in vitro. *Neurosci Lett.* 2018 Aug 24;682:112-117. doi: 10.1016/j.neulet.2018.06.027. Epub 2018 Jun 18. PubMed PMID: 29913197.

52: Huang Y, Wang Z, Han Q. Extracranial-intracranial bypass in medial sphenoid ridge meningioma associated with severe stenosis of the intracranial segments of the internal carotid artery: A case report. *Medicine (Baltimore).* 2018 Jun;97(24):e11123. doi: 10.1097/MD.00000000000011123. PubMed PMID: 29901637; PubMed Central PMCID: PMC6023708.

53: Gao F, Li D, Rui Q, Ni H, Liu H, Jiang F, Tao L, Gao R, Dang B. Annexin A7 Levels Increase in Rats With Traumatic Brain Injury and Promote Secondary Brain Injury. *Front Neurosci.* 2018 May 29;12:357. doi: 10.3389/fnins.2018.00357. eCollection 2018. PubMed PMID: 29896083; PubMed Central PMCID: PMC5987168.

54: Shen E, Wang Q, Rabe H, Liu W, Cantor H, Leavenworth JW. Chromatin remodeling by the NuRD complex regulates development of follicular helper and regulatory T cells. *Proc Natl Acad Sci U S A.* 2018 Jun 26;115(26):6780-6785. doi: 10.1073/pnas.1805239115. Epub 2018 Jun 11. PubMed PMID: 29891681; PubMed Central PMCID: PMC6042103.

55: Que M, Jiang X, Yi C, Gui P, Jiang Y, Zhou YD, Wang L. Language and Sensory Neuroplasticity in the Superior Temporal Cortex of the Deaf. *Neural Plast.* 2018 May 2;2018:9456891. doi: 10.1155/2018/9456891. eCollection 2018. PubMed PMID: 29853853; PubMed Central PMCID: PMC5954881.

56: Huang Y, Zhou P, Wang Z, Han Q. Disappearance of Ruptured Posterior Cerebral Artery Aneurysm Associated with Internal Carotid Artery Occlusion After Superficial Temporal Artery-to-Middle Cerebral Artery Bypass. *World Neurosurg.* 2018 Aug;116:178-181. doi: 10.1016/j.wneu.2018.05.096. Epub 2018 May 23. PubMed PMID: 29803057.

57: Chen Y, Fan H, He X, Guo S, Li X, He M, Qu Y, Yang X, Zhang H, Sun X, Wang L, Wang Z, Tong X, Zhong M, Maimaitili A, Tong Z, Duan C. China Intracranial Aneurysm Project (CIAP): protocol for a prospective cohort study of interventional treatment and craniotomy for unruptured aneurysms. *BMJ Open.* 2018 May 24;8(5):e019333. doi: 10.1136/bmjopen-2017-019333. PubMed PMID: 29794089; PubMed Central PMCID: PMC5988060.

58: Li D, Ni H, Rui Q, Gao R, Chen G. Mst1: Function and Mechanism in Brain and Myocardial Ischemia Reperfusion Injury. *Curr Neuropharmacol.* 2018;16(9):1358-1364. doi: 10.2174/1570159x16666180516095949. Review. PubMed PMID: 29766810.

59: Xu L, Chen Y, Mayakonda A, Koh L, Chong YK, Buckley DL, Sandanaraj E, Lim SW, Lin RY, Ke XY, Huang ML, Chen J, Sun W, Wang LZ, Goh BC, Dinh HQ, Kappei D, Winter GE, Ding LW, Ang BT, Berman BP, Bradner JE, Tang C, Koeffler HP. Targetable BET proteins- and E2F1-dependent transcriptional program maintains the malignancy of glioblastoma. *Proc Natl Acad Sci U S A.* 2018 May 29;115(22):E5086-E5095. doi: 10.1073/pnas.1712363115. Epub 2018 May 15. PubMed PMID: 29764999; PubMed Central PMCID: PMC5984485.

60: Du Y, Lu T, Huang S, Ren F, Cui G, Chen J. Somatic mutation landscape of a meningioma and its pulmonary metastases. *Cancer Commun (Lond).* 2018 May 4;38(1):16. doi: 10.1186/s40880-018-0291-2. PubMed PMID: 29764516; PubMed Central PMCID: PMC5993143.

61: Duan Z, Wang H, Wang Z, Hao Y, Zi W, Yang D, Zhou Z, Liu W, Lin M, Shi Z, Lv P, Wan Y, Xu G, Xiong Y, Zhu W, Liu X; ACTUAL Investigators. Neutrophil-Lymphocyte Ratio Predicts Functional and

- Safety Outcomes after Endovascular Treatment for Acute Ischemic Stroke. *Cerebrovasc Dis.* 2018;45(5-6):221-227. doi: 10.1159/000489401. Epub 2018 May 15. PubMed PMID: 29763889.
- 62: Ding Y, Qian J, Li H, Shen H, Li X, Kong Y, Xu Z, Chen G. Effects of SC99 on cerebral ischemia-perfusion injury in rats: Selective modulation of microglia polarization to M2 phenotype via inhibiting JAK2-STAT3 pathway. *Neurosci Res.* 2018 May 12. pii: S0168-0102(17)30594-1. doi: 10.1016/j.neures.2018.05.002. [Epub ahead of print] PubMed PMID: 29763638.
- 63: Dai D, Huang W, Lu Q, Chen H, Liu J, Hong B. miR-24 regulates angiogenesis in gliomas. *Mol Med Rep.* 2018 Jul;18(1):358-368. doi: 10.3892/mmr.2018.8978. Epub 2018 May 4. PubMed PMID: 29749450.
- 64: Wang J, Wang ML, Wang CH, Sun SY, Zhang HB, Jiang YY, Xu QW, Wang Y, Gu SX. A novel functional polymorphism of GFAP decrease glioblastoma susceptibility through inhibiting the binding of miR-139. *Aging (Albany NY).* 2018 May 10;10(5):988-999. doi: 10.18632/aging.101442. PubMed PMID: 29746255; PubMed Central PMCID: PMC5990380.
- 65: Chen G, Leak RK, Sun Q, Zhang JH, Chen J. Neurobiology of stroke: Research progress and perspectives. *Prog Neurobiol.* 2018 Apr - May;163-164:1-4. doi: 10.1016/j.pneurobio.2018.05.003. Epub 2018 May 4. PubMed PMID: 29733886.
- 66: Cai JC, Liu W, Lu F, Kong WB, Zhou XX, Miao P, Lei CX, Wang Y. Resveratrol attenuates neurological deficit and neuroinflammation following intracerebral hemorrhage. *Exp Ther Med.* 2018 May;15(5):4131-4138. doi: 10.3892/etm.2018.5938. Epub 2018 Mar 8. PubMed PMID: 29725362; PubMed Central PMCID: PMC5920231.
- 67: Qiao S, Liu Y, Han F, Guo M, Hou X, Ye K, Deng S, Shen Y, Zhao Y, Wei H, Song B, Yao L, Tian W. An Intelligent Neural Stem Cell Delivery System for Neurodegenerative Diseases Treatment. *Adv Healthc Mater.* 2018 Jun;7(12):e1800080. doi: 10.1002/adhm.201800080. Epub 2018 May 2. PubMed PMID: 29719134.
- 68: Zhao Z, Wang K, Wu F, Wang W, Zhang K, Hu H, Liu Y, Jiang T. circRNA disease: a manually curated database of experimentally supported circRNA-disease associations. *Cell Death Dis.* 2018 May 1;9(5):475. doi: 10.1038/s41419-018-0503-3. PubMed PMID: 29700306; PubMed Central PMCID: PMC5919922.
- 69: Tao L, Li D, Liu H, Jiang F, Xu Y, Cao Y, Gao R, Chen G. Neuroprotective effects of metformin on traumatic brain injury in rats associated with NF-κB and MAPK signaling pathway. *Brain Res Bull.* 2018 Jun;140:154-161. doi: 10.1016/j.brainresbull.2018.04.008. Epub 2018 Apr 24. PubMed PMID: 29698747.
- 70: Close LN, Eftekhari S, Wang M, Charles AC, Russo AF. Cortical spreading depression as a site of origin for migraine: Role of CGRP. *Cephalgia.* 2018 Jan 1:333102418774299. doi: 10.1177/0333102418774299. [Epub ahead of print] PubMed PMID: 29695168.
- 71: Yi W, Xu S, Li X, Ma X. Technique of localizing the central sulcus under awaking anesthesia for treatment of gliomas in/or near motor areas. *Turk Neurosurg.* 2018 Apr 6. doi: 10.5137/1019-5149.JTN.21802-17.3. [Epub ahead of print] PubMed PMID: 29694662.
- 72: Li C, King NKK, Ren H. A Skull-Mounted Robot with a Compact and Lightweight Parallel Mechanism for Positioning in Minimally Invasive Neurosurgery. *Ann Biomed Eng.* 2018 Oct;46(10):1465-1478. doi: 10.1007/s10439-018-2037-3. Epub 2018 Apr 23. PubMed PMID: 29687238.

- 73: Xie G. Circular RNA hsa-circ-0012129 Promotes Cell Proliferation and Invasion in 30 Cases of Human Glioma and Human Glioma Cell Lines U373, A172, and SHG44, by Targeting MicroRNA-661 (miR-661). *Med Sci Monit.* 2018 Apr 24;24:2497-2507. PubMed PMID: 29686222; PubMed Central PMCID: PMC5936050.
- 74: Ge S, Geng X, Wang X, Li N, Chen L, Zhang X, Huang Y, Li Y, Chen Y, Wang S, Gao G. Oscillatory local field potentials of the nucleus accumbens and the anterior limb of the internal capsule in heroin addicts. *Clin Neurophysiol.* 2018 Jun;129(6):1242-1253. doi: 10.1016/j.clinph.2018.03.008. Epub 2018 Mar 30. PubMed PMID: 29674090.
- 75: Hu S, Zhang Y, Sun Y, Yu Y, Wang J, Dai H, Sun F, Hu C. Lung metastases from intracranial bleeding meningioma: A case report. *Medicine (Baltimore).* 2018 Apr;97(16):e0457. doi: 10.1097/MD.00000000000010457. PubMed PMID: 29668616; PubMed Central PMCID: PMC5916700.
- 76: Zheng X, Fang Z, Liu X, Deng S, Zhou P, Wang X, Zhang C, Yin R, Hu H, Chen X, Han Y, Zhao Y, Lin SH, Qin S, Wang X, Kim BY, Zhou P, Jiang W, Wu Q, Huang Y. Increased vessel perfusion predicts the efficacy of immune checkpoint blockade. *J Clin Invest.* 2018 May 1;128(5):2104-2115. doi: 10.1172/JCI96582. Epub 2018 Apr 16. PubMed PMID: 29664018; PubMed Central PMCID: PMC5957454.
- 77: Fu J, Lan Q, Wang D, Wang Y, Liu Y. [Effect of hydrogen-rich water on the chondriosome damage and cytokines in brain tissue of rats with traumatic brain injury]. *Zhonghua Wei Zhong Bing Ji Jiu Yi Xue.* 2018 Apr;30(4):317-321. doi: 10.3760/cma.j.issn.2095-4352.2018.04.006. Chinese. PubMed PMID: 29663991.
- 78: Ni H, Rui Q, Li D, Gao R, Chen G. The Role of IRE1 Signaling in the Central Nervous System Diseases. *Curr Neuropharmacol.* 2018;16(9):1340-1347. doi: 10.2174/1570159x16666180416094646. Review. PubMed PMID: 29663887.
- 79: Xu X, Zhi T, Chao H, Jiang K, Liu Y, Bao Z, Fan L, Wang D, Li Z, Liu N, Ji J. Corrigendum to "ERK1/2/mTOR/Stat3 pathway-mediated autophagy alleviates traumatic brain injury-induced acute lung injury" [Biochim. Biophys. Acta 1864/5PA(2018) 1663-1674]. *Biochim Biophys Acta Mol Basis Dis.* 2018 Jun;1864(6 Pt A):2214. doi: 10.1016/j.bbadi.2018.04.003. Epub 2018 Apr 12. PubMed PMID: 29656877.
- 80: Dou Y, Tian X, Zhang J, Wang Z, Chen G. Roles of TRAF6 in Central Nervous System. *Curr Neuropharmacol.* 2018;16(9):1306-1313. doi: 10.2174/1570159x16666180412094655. Review. PubMed PMID: 29651950.
- 81: Huang H, Young W, Chen L, Feng S, Zoubi ZMA, Sharma HS, Saberi H, Moviglia GA, He X, Muresanu DF, Sharma A, Otom A, Andrews RJ, Al-Zoubi A, Bryukhovetskiy AS, Chernykh ER, Domańska-Janik K, Jafar E, Johnson WE, Li Y, Li D, Luan Z, Mao G, Shetty AK, Siniscalco D, Skaper S, Sun T, Wang Y, Wiklund L, Xue Q, You SW, Zheng Z, Dimitrijevic MR, Masri WSE, Sanberg PR, Xu Q, Luan G, Chopp M, Cho KS, Zhou XF, Wu P, Liu K, Mobasher H, Ohtori S, Tanaka H, Han F, Feng Y, Zhang S, Lu Y, Zhang Z, Rao Y, Tang Z, Xi H, Wu L, Shen S, Xue M, Xiang G, Guo X, Yang X, Hao Y, Hu Y, Li J, Ao Q, Wang B, Zhang Z, Lu M, Li T. Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). *Cell Transplant.* 2018 Feb;27(2):310-324. doi: 10.1177/0963689717746999. PubMed PMID: 29637817; PubMed Central PMCID: PMC5898693.
- 82: Li G, Shen J, Cao J, Zhou G, Lei T, Sun Y, Gao H, Ding Y, Xu W, Zhan Z, Chen Y, Huang H. Alternative splicing of human telomerase reverse transcriptase in gliomas and its modulation mediated by CX-5461. *J Exp Clin Cancer Res.* 2018 Apr 10;37(1):78. doi: 10.1186/s13046-018-0749-8.

PubMed PMID: 29631594; PubMed Central PMCID: PMC5891986.

83: Jin S, Gu H, Chen X, Liu X, Zhan W, Wei T, Sun X, Ren C, Chen H. A facile method to prepare a versatile surface coating with fibrinolytic activity, vascular cell selectivity and antibacterial properties. *Colloids Surf B Biointerfaces*. 2018 Jul 1;167:28-35. doi: 10.1016/j.colsurfb.2018.03.047. Epub 2018 Mar 28. PubMed PMID: 29625420.

84: Sun L, Zhang K, Zhai W, Li H, Shen H, Yu Z, Chen G. TAR DNA Binding Protein-43 Loss of Function Induced by Phosphorylation at S409/410 Blocks Autophagic Flux and Participates in Secondary Brain Injury After Intracerebral Hemorrhage. *Front Cell Neurosci*. 2018 Mar 22;12:79. doi: 10.3389/fncel.2018.00079. eCollection 2018. PubMed PMID: 29623031; PubMed Central PMCID: PMC5874314.

85: Cai G, Zhu Q, Yuan L, Lan Q. LncRNA SNHG6 acts as a prognostic factor to regulate cell proliferation in glioma through targeting p21. *Biomed Pharmacother*. 2018 Jun;102:452-457. doi: 10.1016/j.biopha.2018.03.083. Epub 2018 Apr 5. PubMed PMID: 29579705.

86: Wang W, Wu F, Zhao Z, Wang KY, Huang RY, Wang HY, Lan Q, Wang JF, Zhao JZ. Long non-coding RNA LINC00152 is a potential prognostic biomarker in patients with high-grade glioma. *CNS Neurosci Ther*. 2018 Oct;24(10):957-966. doi: 10.1111/cns.12850. Epub 2018 Mar 25. PubMed PMID: 29577647.

87: Shi L, Sun G. DMC is not better than TMZ on intracranial anti-glioma effects. *J Cell Biochem*. 2018 Jul;119(7):6057-6064. doi: 10.1002/jcb.26803. Epub 2018 Mar 25. PubMed PMID: 29575236.

88: Wu C, Guan D, Ren M, Ma Z, Wan C, Cui Y, Zhong P, Zhao W, Li C, Yan F, Xie J, Xue F, Lian Y, Liu H, Wang C, Ji X, Xie N. Aminophylline for treatment of postdural puncture headache: A randomized clinical trial. *Neurology*. 2018 Apr 24;90(17):e1523-e1529. doi: 10.1212/WNL.0000000000005351. Epub 2018 Mar 23. PubMed PMID: 29572284.

89: Geng X, Xu X, Horn A, Li N, Ling Z, Brown P, Wang S. Intra-operative characterisation of subthalamic oscillations in Parkinson's disease. *Clin Neurophysiol*. 2018 May;129(5):1001-1010. doi: 10.1016/j.clinph.2018.01.075. Epub 2018 Feb 27. PubMed PMID: 29567582; PubMed Central PMCID: PMC5884428.

90: Lin J, Zuo J, Cui Y, Song C, Wu X, Feng H, Li J, Li S, Xu Q, Wei W, Qiu G, He H. Characterizing the molecular mechanisms of acquired temozolomide resistance in the U251 glioblastoma cell line by protein microarray. *Oncol Rep*. 2018 May;39(5):2333-2341. doi: 10.3892/or.2018.6322. Epub 2018 Mar 19. PubMed PMID: 29565460.

91: Yao X, Liu C, Feng D, Yin J, Chen G. Transcranial Near-infrared Laser Therapy in Improving Cognitive Recovery of Function Following Traumatic Brain Injury. *Curr Neuropharmacol*. 2018;16(9):1320-1326. doi: 10.2174/1570159x16666180321100439. Review. PubMed PMID: 29564977.

92: Wang X, Dai X, Zhang X, Li X, Xu T, Lan Q. Enrichment of glioma stem cell-like cells on 3D porous scaffolds composed of different extracellular matrix. *Biochem Biophys Res Commun*. 2018 Apr 15;498(4):1052-1057. doi: 10.1016/j.bbrc.2018.03.114. Epub 2018 Mar 17. PubMed PMID: 29551682.

93: Rui Q, Ni H, Gao F, Dang B, Li D, Gao R, Chen G. LRRK2 Contributes to Secondary Brain Injury Through a p38/Drosha Signaling Pathway After Traumatic Brain Injury in Rats. *Front Cell Neurosci*. 2018 Mar 1;12:51. doi: 10.3389/fncel.2018.00051. eCollection 2018. PubMed PMID: 29545743; PubMed Central PMCID: PMC5837969.

- 94: Meng C, Zhang J, Dang B, Li H, Shen H, Li X, Wang Z. PERK Pathway Activation Promotes Intracerebral Hemorrhage Induced Secondary Brain Injury by Inducing Neuronal Apoptosis Both in Vivo and in Vitro. *Front Neurosci.* 2018 Feb 28;12:111. doi: 10.3389/fnins.2018.00111. eCollection 2018. PubMed PMID: 29541018; PubMed Central PMCID: PMC5835756.
- 95: Ma M, Ding ZL, Cheng ZQ, Wu G, Tang XY, Deng P, Wu JD. Neurocutaneous Melanosis in an Adult Patient with Intracranial Primary Malignant Melanoma: Case Report and Review of the Literature. *World Neurosurg.* 2018 Jun;114:76-83. doi: 10.1016/j.wneu.2018.02.007. Epub 2018 Mar 10. Review. PubMed PMID: 29530698.
- 96: Liu YY, Chen MB, Cheng L, Zhang ZQ, Yu ZQ, Jiang Q, Chen G, Cao C. microRNA-200a downregulation in human glioma leads to Gαi1 over-expression, Akt activation, and cell proliferation. *Oncogene.* 2018 May;37(21):2890-2902. doi: 10.1038/s41388-018-0184-5. Epub 2018 Mar 9. PubMed PMID: 29520106.
- 97: Fu J, Lan Q, Wang D, Wang Y, Liu Y. [Predictive value of red cell distribution width on the prognosis of patients with abdominal sepsis]. *Zhonghua Wei Zhong Bing Ji Jiu Yi Xue.* 2018 Mar;30(3):230-233. doi: 10.3760/cma.j.issn.2095-4352.2018.03.008. Chinese. PubMed PMID: 29519281.
- 98: Ni H, Rui Q, Xu Y, Zhu J, Gao F, Dang B, Li D, Gao R, Chen G. RACK1 upregulation induces neuroprotection by activating the IRE1-XBP1 signaling pathway following traumatic brain injury in rats. *Exp Neurol.* 2018 Jun;304:102-113. doi: 10.1016/j.expneurol.2018.03.003. Epub 2018 Mar 6. PubMed PMID: 29518365.
- 99: Wang Z, Chen Z, Yang J, Yang Z, Yin J, Duan X, Shen H, Li H, Wang Z, Chen G. Treatment of secondary brain injury by perturbing postsynaptic density protein-95-NMDA receptor interaction after intracerebral hemorrhage in rats. *J Cereb Blood Flow Metab.* 2018 Mar 7:271678×18762637. doi: 10.1177/0271678×18762637. [Epub ahead of print] PubMed PMID: 29513122.
- 100: Marshall J, Zhou XZ, Chen G, Yang SQ, Li Y, Wang Y, Zhang ZQ, Jiang Q, Birnbaumer L, Cao C. Antidepressant action of BDNF requires and is mimicked by Gαi1/3 expression in the hippocampus. *Proc Natl Acad Sci U S A.* 2018 Apr 10;115(15):E3549-E3558. doi: 10.1073/pnas.1722493115. Epub 2018 Mar 5. PubMed PMID: 29507199; PubMed Central PMCID: PMC5899481.
- 101: Zhang ZW, Zhang DP, Li HY, Wang Z, Chen G. The role of nitrous oxide in stroke. *Med Gas Res.* 2018 Jan 22;7(4):273-276. doi: 10.4103/2045-9912.222452. eCollection 2017 Oct-Dec. Review. PubMed PMID: 29497489; PubMed Central PMCID: PMC5806449.
- 102: Li D, Ji JX, Xu YT, Ni HB, Rui Q, Liu HX, Jiang F, Gao R, Chen G. Inhibition of Lats1/p-YAP1 pathway mitigates neuronal apoptosis and neurological deficits in a rat model of traumatic brain injury. *CNS Neurosci Ther.* 2018 Oct;24(10):906-916. doi: 10.1111/cns.12833. Epub 2018 Feb 27. PubMed PMID: 29488331.
- 103: Zhou L, Liu C, Wang Z, Shen H, Wen Z, Chen D, Sun Q, Chen G. Pannexin-1 is involved in neuronal apoptosis and degeneration in experimental intracerebral hemorrhage in rats. *Mol Med Rep.* 2018 Apr;17(4):5684-5691. doi: 10.3892/mmr.2018.8624. Epub 2018 Feb 21. PubMed PMID: 29484398; PubMed Central PMCID: PMC5866010.
- 104: Zhu H, Ji C, Shen Z, Luo Z, Shi L. Early Cranioplasty Benefits Patients with Obvious Bilateral Frontotemporal Bone Window Collapse After Decompressive Craniectomy. *World Neurosurg.* 2018 May;113:198-203. doi: 10.1016/j.wneu.2018.02.080. Epub 2018 Feb 24. PubMed PMID: 29482006.

- 105: Rui Q, Ni H, Li D, Gao R, Chen G. The Role of LRRK2 in Neurodegeneration of Parkinson's disease. *Curr Neuropharmacol.* 2018;16(9):1348-1357. doi: 10.2174/1570159x16666180222165418. Review. PubMed PMID: 29473513.
- 106: Xu X, Zhi T, Chao H, Jiang K, Liu Y, Bao Z, Fan L, Wang D, Li Z, Liu N, Ji J. ERK1/2/mTOR/Stat3 pathway-mediated autophagy alleviates traumatic brain injury-induced acute lung injury. *Biochim Biophys Acta Mol Basis Dis.* 2018 May;1864(5 Pt A):1663-1674. doi: 10.1016/j.bbadi.2018.02.011. Epub 2018 Feb 18. Erratum in: *Biochim Biophys Acta.* 2018 Apr 12;. PubMed PMID: 29466698.
- 107: Shen H, Yao X, Li H, Li X, Zhang T, Sun Q, Ji C, Chen G. Role of Exosomes Derived from miR-133b Modified MSCs in an Experimental Rat Model of Intracerebral Hemorrhage. *J Mol Neurosci.* 2018 Mar;64(3):421-430. doi: 10.1007/s12031-018-1041-2. Epub 2018 Feb 17. PubMed PMID: 29455449.
- 108: Zuo G, Zhang D, Mu R, Shen H, Li X, Wang Z, Li H, Chen G. Resolvin D2 protects against cerebral ischemia/reperfusion injury in rats. *Mol Brain.* 2018 Feb 13;11(1):9. doi: 10.1186/s13041-018-0351-1. PubMed PMID: 29439730; PubMed Central PMCID: PMC5812187.
- 109: Xue YP, Ji XY, Yang L, Liu HR, Sheng YJ, Dai XX, Xi YJ, Liu JC, Shi J, Xie T, Zhang YS, Ma JW, Dong J. [Experimental studies on correlation between nucleolus spindle-related protein 1 and the malignant progression and prognosis of human glioblastoma multiforme]. *Zhonghua Yi Xue Za Zhi.* 2018 Jan 30;98(5):340-345. doi: 10.3760/cma.j.issn.0376-2491.2018.05.005. Chinese. PubMed PMID: 29429243.
- 110: Zhen YF, Liu XY, Zhou DH, Du X, Yin G, Zhang Y, Fang H, Xu G, Soares JC, Zhang XY. Cognition, serum BDNF levels, and BDNF Val66Met polymorphism in type 2 diabetes patients and healthy controls. *Oncotarget.* 2017 Dec 16;9(3):3653-3662. doi: 10.18632/oncotarget.23342. eCollection 2018 Jan 9. PubMed PMID: 29423073; PubMed Central PMCID: PMC5790490.
- 111: Chen G, Wang Y, Wang Z, Zhu R, Yang H, Luo Z. Analysis of C5 palsy in cervical myelopathy with massive anterior compression following laminoplasty. *J Orthop Surg Res.* 2018 Feb 2;13(1):26. doi: 10.1186/s13018-018-0715-3. PubMed PMID: 29394951; PubMed Central PMCID: PMC5797409.
- 112: Liu J, Liu Z, Hu X, Zhang Y, Zhang S. Synthetic E-selectin prevents postoperative vascular restenosis by inhibiting nuclear factor κB in rats. *Mol Med Rep.* 2018 Apr;17(4):5065-5073. doi: 10.3892/mmr.2018.8536. Epub 2018 Feb 1. PubMed PMID: 29393453; PubMed Central PMCID: PMC5865970.
- 113: Fei X, Wang A, Wang D, Meng X, Ma J, Hong L, Qin R, Wang A, Dong J, Huang Q, Wang Z. Establishment of malignantly transformed dendritic cell line SU3-ihDCTC induced by Glioma stem cells and study on its sensitivity to resveratrol. *BMC Immunol.* 2018 Feb 2;19(1):7. doi: 10.1186/s12865-018-0246-z. PubMed PMID: 29390972; PubMed Central PMCID: PMC5796576.
- 114: Wang J, Zhai W, Yu Z, Sun L, Li H, Shen H, Li X, Liu C, Chen G. Neuroprotection Exerted by Netrin-1 and Kinesin Motor KIF1A in Secondary Brain Injury following Experimental Intracerebral Hemorrhage in Rats. *Front Cell Neurosci.* 2018 Jan 11;11:432. doi: 10.3389/fncel.2017.00432. eCollection 2017. PubMed PMID: 29375318; PubMed Central PMCID: PMC5768630.
- 115: Sun G, SiMa G, Wu C, Fan Y, Tan Y, Wang Z, Cheng G, Li J. Decreased MiR-17 in glioma cells increased cell viability and migration by increasing the expression of Cyclin D1, p-Akt and Akt. *PLoS One.* 2018 Jan 19;13(1):e0190515. doi: 10.1371/journal.pone.0190515. eCollection 2018. PubMed PMID: 29351283; PubMed Central PMCID: PMC5774692.
- 116: Wang YXJ, Zhang L, Zhao L, He J, Zeng XJ, Liu H, Yang YJ, Ding SW, Xu ZF, He YM, Yang L, Sun L,

Mu KJ, Wang BS, Xu XH, Ji ZY, Liu JH, Fang JZ, Hou R, Fan F, Peng GM, Zhu YQ, Ju SH, Poon WS. Elderly population have a decreased aneurysmal subarachnoid hemorrhage incidence rate than Middle aged population: a descriptive analysis of 8,144 cases in mainland China. *Br J Neurosurg.* 2018 Apr;32(2):165-171. doi: 10.1080/02688697.2018.1426724. Epub 2018 Jan 17. PubMed PMID: 29338437.

117: Huang Y, Kim BYS, Chan CK, Hahn SM, Weissman IL, Jiang W. Improving immune-vascular crosstalk for cancer immunotherapy. *Nat Rev Immunol.* 2018 Mar;18(3):195-203. doi: 10.1038/nri.2017.145. Epub 2018 Jan 15. Review. PubMed PMID: 29332937; PubMed Central PMCID: PMC5922422.

118: Sun L, Yu S, Xu H, Zheng Y, Lin J, Wu M, Wang J, Wang A, Lan Q, Furnari F, Cavenee W, Purow B, Li M. FHL2 interacts with EGFR to promote glioblastoma growth. *Oncogene.* 2018 Mar;37(10):1386-1398. doi: 10.1038/s41388-017-0068-0. Epub 2018 Jan 11. PubMed PMID: 29321665.

119: Ouyang J, Xu H, Li M, Dai X, Fu F, Zhang X, Lan Q. Paeoniflorin exerts antitumor effects by inactivating S phase kinase-associated protein 2 in glioma cells. *Oncol Rep.* 2018 Mar;39(3):1052-1062. doi: 10.3892/or.2017.6175. Epub 2017 Dec 28. PubMed PMID: 29286139; PubMed Central PMCID: PMC5802027.

120: Jin L, Cao Y, Zhang T, Wang P, Ji D, Liu X, Shi H, Hua L, Yu R, Gao S. Effects of ERK1/2 S-nitrosylation on ERK1/2 phosphorylation and cell survival in glioma cells. *Int J Mol Med.* 2018 Mar;41(3):1339-1348. doi: 10.3892/ijmm.2017.3334. Epub 2017 Dec 20. PubMed PMID: 29286066; PubMed Central PMCID: PMC5819938.

121: Yang W, Liu Y, Gao R, Yu H, Sun T. HDAC6 inhibition induces glioma stem cells differentiation and enhances cellular radiation sensitivity through the SHH/Gli1 signaling pathway. *Cancer Lett.* 2018 Feb 28;415:164-176. doi: 10.1016/j.canlet.2017.12.005. Epub 2017 Dec 6. PubMed PMID: 29222038.

122: Liu C, Zhang K, Shen H, Yao X, Sun Q, Chen G. Necroptosis: A novel manner of cell death, associated with stroke (Review). *Int J Mol Med.* 2018 Feb;41(2):624-630. doi: 10.3892/ijmm.2017.3279. Epub 2017 Nov 22. Review. PubMed PMID: 29207014.

123: Li H, Liu S, Sun X, Yang J, Yang Z, Shen H, Li X, Liu Y, Chen G. Critical role for Annexin A7 in secondary brain injury mediated by its phosphorylation after experimental intracerebral hemorrhage in rats. *Neurobiol Dis.* 2018 Feb;110:82-92. doi: 10.1016/j.nbd.2017.11.012. Epub 2017 Dec 2. PubMed PMID: 29196215.

124: Fei X, Wan Y, Wang Z, Chen H, Jiang D. Application of YL-1 Needle in Chronic Subdural Hematoma Treatment for Super-Aged Patients. *J Craniofac Surg.* 2018 Jan;29(1):e90-e94. doi: 10.1097/SCS.0000000000004198. PubMed PMID: 29194262; PubMed Central PMCID: PMC5768232.

125: Wu Q, Gao C, Wang H, Zhang X, Li Q, Gu Z, Shi X, Cui Y, Wang T, Chen X, Wang X, Luo C, Tao L. Mdivi-1 alleviates blood-brain barrier disruption and cell death in experimental traumatic brain injury by mitigating autophagy dysfunction and mitophagy activation. *Int J Biochem Cell Biol.* 2018 Jan;94:44-55. doi: 10.1016/j.biocel.2017.11.007. Epub 2017 Nov 22. PubMed PMID: 29174311.

126: Wang W, Zhao Z, Yang F, Wang H, Wu F, Liang T, Yan X, Li J, Lan Q, Wang J, Zhao J. An immune-related lncRNA signature for patients with anaplastic gliomas. *J Neurooncol.* 2018 Jan;136(2):263-271. doi: 10.1007/s11060-017-2667-6. Epub 2017 Nov 23. PubMed PMID: 29170907.

- 127: Wang W, Zhao Z, Wu F, Wang H, Wang J, Lan Q, Zhao J. Bioinformatic analysis of gene expression and methylation regulation in glioblastoma. *J Neurooncol.* 2018 Feb;136(3):495-503. doi: 10.1007/s11060-017-2688-1. Epub 2017 Nov 22. PubMed PMID: 29168084.
- 128: Xu H, Sun L, Zheng Y, Yu S, Ou-Yang J, Han H, Dai X, Yu X, Li M, Lan Q. GBP3 promotes glioma cell proliferation via SQSTM1/p62-ERK1/2 axis. *Biochem Biophys Res Commun.* 2018 Jan 1;495(1):446-453. doi: 10.1016/j.bbrc.2017.11.050. Epub 2017 Nov 8. PubMed PMID: 29128363.
- 129: Chao H, Liu Y, Fu X, Xu X, Bao Z, Lin C, Li Z, Liu Y, Wang X, You Y, Liu N, Ji J. Lowered iPLA(2) γ activity causes increased mitochondrial lipid peroxidation and mitochondrial dysfunction in a rotenone-induced model of Parkinson's disease. *Exp Neurol.* 2018 Feb;300:74-86. doi: 10.1016/j.expneurol.2017.10.031. Epub 2017 Nov 2. PubMed PMID: 29104115.
- 130: Li J, Han Y, Zhou D, Zhou Y, Ye M, Wang H, Du Z. Downregulation of Survivin Gene Expression Affects Ionizing Radiation Resistance of Human T98 Glioma Cells. *Cell Mol Neurobiol.* 2018 May;38(4):861-868. doi: 10.1007/s10571-017-0560-7. Epub 2017 Nov 2. PubMed PMID: 29098505.
- 131: Xu X, Jiang R, Gong P, Liu Q, Chen Y, Hou S, Yuan D, Shi J, Lan Q. Up-regulation of FOS-like antigen 1 contributes to neuronal apoptosis in the cortex of rat following traumatic brain injury. *Metab Brain Dis.* 2018 Feb;33(1):115-125. doi: 10.1007/s11011-017-0129-7. Epub 2017 Oct 27. PubMed PMID: 29080084.
- 132: Sun JJ, Yin XW, Liu HH, Du WX, Shi LY, Huang YB, Wang F, Liu CF, Cao YJ, Zhang YL. Rapamycin inhibits ox-LDL-induced inflammation in human endothelial cells in vitro by inhibiting the mTORC2/PKC/c-Fos pathway. *Acta Pharmacol Sin.* 2018 Mar;39(3):336-344. doi: 10.1038/aps.2017.102. Epub 2017 Oct 26. PubMed PMID: 29072256; PubMed Central PMCID: PMC5843827.
- 133: Li D, Ni H, Rui Q, Gao R, Chen G. Deletion of Mst1 attenuates neuronal loss and improves neurological impairment in a rat model of traumatic brain injury. *Brain Res.* 2018 Jun 1;1688:15-21. doi: 10.1016/j.brainres.2017.10.018. Epub 2017 Oct 18. PubMed PMID: 29054447.
- 134: Gao L, Li X, Li H, Li X, Li J, Shen H, Chen G. Spatial-temporal expression of NDRG2 in brain tissues in a rat model of intracerebral hemorrhage: A pilot study. *Neurosci Lett.* 2018 Jan 1;662:356-360. doi: 10.1016/j.neulet.2017.10.021. Epub 2017 Oct 14. PubMed PMID: 29037792.
- 135: Wang W, Li H, Zhao Z, Wang H, Zhang D, Zhang Y, Lan Q, Wang J, Cao Y, Zhao J. The pathogenesis shared between abdominal aortic aneurysms and intracranial aneurysms: a microarray analysis. *Neurosurg Rev.* 2018 Apr;41(2):667-674. doi: 10.1007/s10143-017-0912-2. Epub 2017 Oct 14. PubMed PMID: 29032423.
- 136: Cai W, Hu C, Gong J, Lan Q. Anterior Communicating Artery Aneurysm Morphology and the Risk of Rupture. *World Neurosurg.* 2018 Jan;109:119-126. doi: 10.1016/j.wneu.2017.09.118. Epub 2017 Sep 27. Review. PubMed PMID: 28958928.
- 137: Wang H, Sun X, Dong W, Cai X, Zhou Y, Zhang Y, Jiang W, Fang Q. Association of GPIa and COX-2 gene polymorphism with aspirin resistance. *J Clin Lab Anal.* 2018 May;32(4):e22331. doi: 10.1002/jcla.22331. Epub 2017 Sep 26. PubMed PMID: 28948649; PubMed Central PMCID: PMC6001439.
- 138: Li Y, Huang Y, Qi Z, Sun T, Zhou Y. MiR-338-5p Promotes Glioma Cell Invasion by Regulating TSHZ3 and MMP2. *Cell Mol Neurobiol.* 2018 Apr;38(3):669-677. doi: 10.1007/s10571-017-0525-x. Epub 2017 Aug 5. PubMed PMID: 28780604.

139: Wang Z, Zhou F, Dou Y, Tian X, Liu C, Li H, Shen H, Chen G. Melatonin Alleviates Intracerebral Hemorrhage-Induced Secondary Brain Injury in Rats via Suppressing Apoptosis, Inflammation, Oxidative Stress, DNA Damage, and Mitochondria Injury. *Transl Stroke Res.* 2018 Feb;9(1):74-91. doi: 10.1007/s12975-017-0559-x. Epub 2017 Aug 1. PubMed PMID: 28766251; PubMed Central PMCID: PMC5750335.

140: Liu J, Wang D, Li Y, Yao H, Zhang N, Zhang X, Zhong F, Huang Y. Integrated In Silico-In Vitro Identification and Characterization of the SH3-Mediated Interaction between Human PTTG and its Cognate Partners in Medulloblastoma. *Cell Biochem Biophys.* 2018 Jun;76(1-2):83-90. doi: 10.1007/s12013-017-0810-9. Epub 2017 Jun 24. PubMed PMID: 28646413.

141: Li H, Wu J, Shen H, Yao X, Liu C, Pianta S, Han J, Borlongan CV, Chen G. Autophagy in hemorrhagic stroke: Mechanisms and clinical implications. *Prog Neurobiol.* 2018 Apr - May;163-164:79-97. doi: 10.1016/j.pneurobio.2017.04.002. Epub 2017 Apr 13. Review. PubMed PMID: 28414101.

142: Manaenko A, Yang P, Nowrangi D, Budbazar E, Hartman RE, Obenaus A, Pearce WJ, Zhang JH, Tang J. Inhibition of stress fiber formation preserves blood-brain barrier after intracerebral hemorrhage in mice. *J Cereb Blood Flow Metab.* 2018 Jan;38(1):87-102. doi: 10.1177/0271678X16679169. Epub 2016 Nov 19. PubMed PMID: 27864464; PubMed Central PMCID: PMC5757435.

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