

Los artículos más citados en revistas de neurocirugía son ensayos que evaluaron tratamientos quirúrgicos o médicos, las descripciones de nuevas técnicas o sistemas de clasificación o cribado de la enfermedad. El momento de la publicación, campo de estudio, la naturaleza de la obra, y la revista en que aparece el trabajo son posibles determinantes de la probabilidad y el impacto de la cita (Ponce et al. 2011).

1. Hunt WE, Hess RM: Surgical risk as related to time of intervention in the repair of intracranial aneurysms. *J Neurosurg* 28: 14–20, 1968 1515
2. Aaslid R, Markwalder TM, Nornes H: Noninvasive transcranial Doppler ultrasound recording of flow velocity in basal cerebral arteries. *J Neurosurg* 57:769–774, 1982 1464
3. Fisher CM, Kistler JP, Davis JM: Relation of cerebral vasospasm to subarachnoid hemorrhage visualized by computerized tomographic scanning. *Neurosurgery* 6:1–9, 1980 1211
4. Levy RM, Bredesen DE, Rosenblum ML: Neurological manifestations of the acquired immunodeficiency syndrome (AIDS): experience at UCSF and review of the literature. *J Neurosurg* 62:475–495, 1985 1007
5. Walker MD, Alexander E Jr, Hunt WE, MacCarty CS, Mahaley MS Jr, Mealey J Jr, Norrell HA, Owens G, Ransohoff J, Wilson CB, Gehan EA, Strike TA: Evaluation of BCNU and/or radiotherapy in the treatment of anaplastic gliomas. A cooperative clinical trial. *J Neurosurg* 49:333–343, 1978 930
6. Kassell NF, Torner JC, Haley EC Jr, Jane JA, Adams HP, Kongable GL: The International Cooperative Study on the Timing of Aneurysm Surgery. Part 1: Overall management results. *J Neurosurg* 73:18–36, 1990 922
7. Wada J, Rasmussen T: Intracarotid injection of sodium amytal for the lateralization of cerebral speech dominance. Experimental and clinical observations. *J Neurosurg* 17:266–282, 1960 876
8. Cloward RB: The anterior approach for removal of ruptured cervical disks. *J Neurosurg* 15:602–617, 1958 725
9. Laitinen LV, Bergenheim AT, Hariz MI: Leksell's posteroventral pallidotomy in the treatment of Parkinson's disease. *J Neurosurg* 76:53–61, 1992 668
10. Siesjö BK: Pathophysiology and treatment of focal cerebral ischemia. Part I: Pathophysiology. *J Neurosurg* 77:169–184, 1992 667
11. Guglielmi G, Vinuela F, Dion J, Duckwiler G: Electrothrombosis of saccular aneurysms via endovascular approach. Part 2: Preliminary clinical experience. *J Neurosurg* 75:8–14, 1991 660
12. Jones TH, Morawetz RB, Crowell RM, Marcoux FW, Fitzgibbon SJ, Degirolami U, Ojemann RG: Thresholds of focal cerebral ischemia in awake monkeys. *J Neurosurg* 54:773–782, 1981 658
13. Spetzler RF, Martin NA: A proposed grading system for arteriovenous malformations. *J Neurosurg* 65:476–483, 1986 651
14. Simpson D: The recurrence of intracranial meningiomas after surgical treatment. *J Neurol Neurosurg Psychiatry* 20:22–39, 1957 636
15. Locksley H: Natural history of subarachnoid hemorrhage, intracranial aneurysms and arteriovenous malformations. *J Neurosurg* 25:321–368, 1966 626
16. Katayama Y, Becker DP, Tamura T, Hovda DA: Massive increases in extracellular potassium and the indiscriminate release of glutamate following concussive brain injury. *J Neurosurg* 73:889–900, 1990 556
17. Rimel RW, Giordani B, Barth JT, Boll TJ, Jane JA: Disability caused by minor head injury. *Neurosurgery* 9:221–228, 1981 553
18. Becker DP, Miller JD, Ward JD, Greenberg RP, Young HF, Sakalas R: The outcome from severe head injury with early diagnosis and intensive management. *J Neurosurg* 47:491–502, 1977 551
19. Serbinen FA: Balloon catheterization and occlusion of major cerebral vessels. *J Neurosurg* 41:125–145, 1974 551
20. Ojemann G, Ojemann J, Lettich E, Berger M: Cortical language localization in left, dominant hemisphere. An electrical stimulation mapping investigation in 117 patients. *J Neurosurg* 71:316–326, 1989 542
21. Taylor DC, Falconer MA, Bruton CJ, Corsellis JA: Focal dysplasia of the cerebral cortex in epilepsy. *J Neurol Neurosurg Psychiatry* 34:369–387, 1971 540
22. Obrist WD, Langfitt TW, Jaggi JL, Cruz J, Gennarelli TA: Cerebral blood flow and metabolism in comatose patients with acute head injury. Relationship to intracranial hypertension. *J Neurosurg* 61:241–253, 1984 536
23. Siesjö BK: Pathophysiology and treatment of focal cerebral ischemia. Part II: Mechanisms of damage and treatment. *J Neurosurg* 77:337–354, 1992 531
24. Tator CH, Fehlings MG: Review of the secondary injury theory of acute spinal cord trauma with emphasis on vascular mechanisms. *J Neurosurg* 75:15–26, 1991 523
25. Viñuela F, Duckwiler G, Mawad M: Guglielmi detachable coil embolization of acute intracranial aneurysm: perioperative anatomical and clinical outcome in 403 patients. *J Neurosurg* 86:475–482, 1997 516
26. Guglielmi G, Viñuela F, Sepetka I, Macellari V: Electrothrombosis of saccular aneurysms

via endovascular approach. Part 1: Electrochemical basis, technique, and experimental results. *J Neurosurg* 75:1-7, 1991 511 27. Benabid AL, Pollak P, Gao DM, Hoffmann D, Limousin P, Gay E, Payen I, Benazzouz A: Chronic electrical stimulation of the ventralis intermedius nucleus of the thalamus as a treatment of movement disorders. *J Neurosurg* 84:203-214, 1996

28. Dixon CE, Lyeth BG, Povlishock JT, Findling RL, Hamm RJ, Marmarou A, Young HF, Hayes RL: A fluid percussion model of experimental brain injury in the rat. *J Neurosurg* 67:110-119, 1987 480 29. Hochberg FH, Miller DC: Primary central nervous system lymphoma. *J Neurosurg* 68:835-853, 1988 472 30. Bamford J, Sandercock P, Dennis M, Burn J, Warlow C: A prospective study of acute cerebrovascular disease in the community: the Oxfordshire Community Stroke Project—1981-86. 2. Incidence, case fatality rates and overall outcome at one year of cerebral infarction, primary intracerebral and subarachnoid haemorrhage. *J Neurol Neurosurg Psychiatry* 53:16-22, 1990 469 31. Kassell NF, Torner JC, Jane JA, Haley EC, Adams HP: The International Cooperative Study on the Timing of Aneurysm Surgery. Part 2: Surgical results. *J Neurosurg* 73:37-47, 1990 460 32. Perret G, Nishioka H: Report on the cooperative study of intracranial aneurysms and subarachnoid hemorrhage. Arteriovenous malformations. An analysis of 545 cases of cranio-cerebral arteriovenous malformations and fistulae reported to the cooperative study. *J Neurosurg* 25:467-490, 1966 454 33. Gardner WJ: Hydrodynamic mechanism of syringomyelia: its relationship to myelocoele. *J Neurol Neurosurg Psychiatry* 28: 247-259, 1965 449 34. Levin HS, Mattis S, Ruff RM, Eisenberg HM, Marshall LF, Tabaddor K, High WM Jr, Frankowski RF: Neurobehavioral outcome following minor head injury: a three-center study. *J Neurosurg* 66:234-243, 1987 447 35. Mirimanoff RO, Dosoretz DE, Linggood RM, Ojemann RG, Martuza RL: Meningioma: analysis of recurrence and progression following neurosurgical resection. *J Neurosurg* 62:18-24, 1985 440 36. Rosner MJ, Rosner SD, Johnson AH: Cerebral perfusion pressure: management protocol and clinical results. *J Neurosurg* 83: 949-962, 1995 434 37. Muizelaar JP, Marmarou A, Ward JD, Kontos HA, Choi SC, Becker DP, Gruemer H, Young HF: Adverse effects of prolonged hyperventilation in patients with severe head injury: a randomized clinical trial. *J Neurosurg* 75:731-739, 1991 432 38. Miller JD, Becker DP, Ward JD, Sullivan HG, Adams WE, Rosner MJ: Significance of intracranial hypertension in severe head injury. *J Neurosurg* 47:503-516, 1977 423 39. Drake CG: Report of World Federation of Neurological Surgeons Committee on a universal subarachnoid hemorrhage grading scale. *J Neurosurg* 68:985-986, 1988 409 40. Backlund EO, Granberg PO, Hamberger B, Knutsson E, Mårtensson A, Sedvall G, Seiger A, Olson L: Transplantation of adrenal medullary tissue to striatum in parkinsonism. First clinical trials. *J Neurosurg* 62:169-173, 1985 407 41. Racine R: Kindling: the first decade. *Neurosurgery* 3:234-252, 1978 402 42. Kassell NF, Peerless SJ, Durward QJ, Beck DW, Drake CG, Adams HP: Treatment of ischemic deficits from vasospasm with intravascular volume expansion and induced arterial hypertension. *Neurosurgery* 11:337-343, 1982 395 43. Aaslid R, Huber P, Nornes H: Evaluation of cerebrovascular spasm with transcranial Doppler ultrasound. *J Neurosurg* 60:37-41, 1984 393 44. Woolsey CN, Erickson TC, Gilson WE: Localization in somatic sensory and motor areas of human cerebral cortex as determined by direct recording of evoked potentials and electrical stimulation. *J Neurosurg* 51:476-506, 1979 391 45. Siesjö BK: Cerebral circulation and metabolism. *J Neurosurg* 60:883-908, 1984 386 46. Guglielmi G, Viñuela F, Duckwiler G, Dion J, Lylyk P, Berenstein A, Strother C, Graves V, Halbach V, Nichols D, Hopkins N, Ferguson R, Sepetka I: Endovascular treatment of posterior circulation aneurysms by electrothrombosis using electrically detachable coils. *J Neurosurg* 77:515-524, 1992 385 47. Jennett B, Snoek J, Bond MR, Brooks N: Disability after severe head injury: observations on the use of the Glasgow Outcome Scale. *J Neurol Neurosurg Psychiatry* 44:285-293, 1981 384 48. Bouma G, Muizelaar J, Choi S, Newlon P, Young H: Cerebral circulation and metabolism after severe traumatic brain injury: the elusive role of ischemia. *J Neurosurg* 75:685-693, 1991 383 49. Ondra SL, Troupp H, George ED, Schwab K: The natural history of symptomatic arteriovenous malformations of the brain: a 24- year follow-up assessment. *J Neurosurg* 73:387-391, 1990 382 50. Kelly PJ, Dumas-Duport C,

Kispert DB, Kall BA, Scheithauer BW, Illig JJ: Imaging-based stereotaxic serial biopsies in untreated intracranial glial neoplasms. *J Neurosurg* 66:865-874, 1987 372 51. Locksley HB: Natural history of subarachnoid hemorrhage, intracranial aneurysms and arteriovenous malformations. Based on 6368 cases in the Cooperative Study. *J Neurosurg* 25:321-368, 1966 370 52. Miller JD, Butterworth JF, Gudeman SK, Faulkner JE, Choi SC, Selhorst JB, Harbison JW, Lutz

53. Robinson JR, Awad IA, Little JR: Natural history of the cavernous angioma. *J Neurosurg* 75:709-714, 1991 370 54. Dumas-Duport C, Scheithauer BW, Chodkiewicz JP, Laws ER Jr, Vedrenne C: Dysembryoplastic neuroepithelial tumor: a surgically curable tumor of young patients with intractable partial seizures. Report of thirty-nine cases. *Neurosurgery* 23:545-556, 1988 363 55. McCormick WF: The pathology of vascular ("arteriovenous") malformations. *J Neurosurg* 24:807-816, 1966 361 56. Black PM, Moriarty T, Alexander E III, Stieg P, Woodard EJ, Gleason PL, Martin CH, Kikinis R, Schwartz RB, Jolesz FA: Development and implementation of intraoperative magnetic resonance imaging and its neurosurgical applications. *Neurosurgery* 41:831-845, 1997 356 57. Lacroix M, Abi-Said D, Fourney DR, Gokaslan ZL, Shi W, DeMonte F, Lang FF, McCutcheon IE, Hassenbusch SJ, Holland E, Hess K, Michael C, Miller D, Sawaya R: A multivariate analysis of 416 patients with glioblastoma multiforme: prognosis, extent of resection, and survival. *J Neurosurg* 95:190-198, 2001 356 58. Graf CJ, Perret GE, Torner JC: Bleeding from cerebral arteriovenous malformations as part of their natural history. *J Neurosurg* 58:331-337, 1983 355 59. Rivlin AS, Tator CH: Objective clinical assessment of motor function after experimental spinal cord injury in the rat. *J Neurosurg* 47:577-581, 1977 355 60. Jennett B, Teasdale G, Galbraith S, Pickard J, Grant H, Braakman R, Avezaat C, Maas A, Minderhoud J, Vecht CJ, Heiden J, Small R, Caton W, Kurze T: Severe head injuries in three countries. *J Neurol Neurosurg Psychiatry* 40:291-298, 1977 354 61. Harper AM, Glass HI: Effect of alterations in the arterial carbon dioxide tension on the blood flow through the cerebral cortex at normal and low arterial blood pressures. *J Neurol Neurosurg Psychiatry* 28:449-452, 1965 352 62. Laws ER, Taylor WF, Clifton MB, Okazaki H: Neurosurgical management of low-grade astrocytoma of the cerebral hemispheres. *J Neurosurg* 61:665-673, 1984 347 63. Lunsford LD, Kondziolka D, Flickinger JC, Bissonette DJ, Jungreis CA, Maitz AH, Horton JA, Coffey RJ: Stereotactic radiosurgery for arteriovenous malformations of the brain. *J Neurosurg* 75:512-524, 1991 340 64. Marmarou A, Foda MAA, Vandenbrink W, Campbell J, Kita H, Demetriadou K: A new model of diffuse brain injury in rats. Part I: Pathophysiology and biomechanics. *J Neurosurg* 80:291-300, 1994 338 65. Strich SJ: Diffuse degeneration of the cerebral white matter in severe dementia following head injury. *J Neurol Neurosurg Psychiatry* 19:163-185, 1956 331 66. Evans AE, Jenkin RD, Sposto R, Ortega JA, Wilson CB, Wara W, Ertel IJ, Kramer S, Chang CH, Leikin SL, Hammond GD: The treatment of medulloblastoma. Results of a prospective randomized trial of radiation therapy with and without CCNU, vincristine, and prednisone. *J Neurosurg* 72:572-582, 1990 329 67. Harper AM, Glass HI: Effect of alterations in the arterial carbon dioxide tension on the blood flow through the cerebral cortex at normal and low arterial blood pressures. *J Neurol Neurosurg Psychiatry* 28:449-452, 1965 329 68. Botterell EH, Loughheed WM, Scott JW, Vandewater SL: Hypothermia, and interruption of carotid, or carotid and vertebral circulation, in the surgical management of intracranial aneurysms. *J Neurosurg* 13:1-42, 1956 327 69. Bracken MB, Shepard MJ, Collins WF Jr, Holford TR, Baskin DS, Eisenberg HM, Flamm E, Leo-Summers L, Maroon JC, Marshall LF, Perot PL, Piepmeier J, Sonntag VKH, Wagner FC, Wilberger JL, Winn HR, Young W: Methylprednisolone or naloxone treatment after acute spinal cord injury: 1-year follow-up data. Results of the second National Acute Spinal Cord Injury Study. *J Neurosurg* 76:23-31, 1992 326 70. Weir B, Grace M, Hansen J, Rothberg C: Time course of vasospasm in man. *J Neurosurg* 48:173-178, 1978 325 71. Marshall LF, Smith RW, Shapiro HM: The outcome with aggressive treatment in severe head injuries. Part I: the significance of intracranial pressure monitoring. *J Neurosurg* 50:20-25, 1979 323 72. Barker AT, Freeston IL, Jalinous R, Jarratt JA: Magnetic stimulation of the human brain and peripheral nervous system: an introduction and the results of an initial clinical evaluation. *Neurosurgery* 20:100-109,

1987 322 73. Jennings MT, Gelman R, Hochberg F: Intracranial germ-cell tumors: natural history and pathogenesis. *J Neurosurg* 63:155-167, 1985 321 74. Narayan RK, Greenberg RP, Miller JD, Enas GG, Choi SC, Kishore PRS, Selhorst JB, Lutz HA III, Becker DP: Improved confidence of outcome prediction in severe head injury. A comparative analysis of the clinical examination, multimodality evoked potentials, CT scanning, and intracranial pressure. *J Neurosurg* 54:751-762, 1981 321 75. Jennett B, Teasdale G, Braakman R, Minderhoud J, Heiden J, Kurze T: Prognosis of patients with severe head injury. *Neurosurgery* 4:283-289, 1979

76. Crawford PM, West CR, Chadwick DW, Shaw MD: Arteriovenous malformations of the brain: natural history in unoperated patients. *J Neurol Neurosurg Psychiatry* 49:1-10, 1986 313 77. Jannetta PJ: Arterial compression of the trigeminal nerve at the pons in patients with trigeminal neuralgia. *J Neurosurg* 26 Suppl:159-162, 1967 313 78. Simard JM, Garciabengochea F, Ballinger WE, Mickle JP, Quisling RG: Cavernous angioma: a review of 126 collected and 12 new clinical cases. *Neurosurgery* 18:162-172, 1986 313 79. Duhaime AC, Gennarelli TA, Thibault LE, Bruce DA, Margulies SS, Wiser R: The shaken baby syndrome. A clinical, pathological, and biomechanical study. *J Neurosurg* 66:409-415, 1987 312 80. Steiner L, Lindquist C, Adler JR, Torner JC, Alves W, Steiner M: Clinical outcome of radiosurgery for cerebral arteriovenous malformations. *J Neurosurg* 77:1-8, 1992 312 81. Rigamonti D, Drayer BP, Johnson PC, Hadley MN, Zabramski J, Spetzler RF: The MRI appearance of cavernous malformations (angiomas). *J Neurosurg* 67:518-524, 1987 311 82. Bouma GJ, Muizelaar JP, Stringer WA, Choi SC, Fatouros P, Young HF: Ultra-early evaluation of regional cerebral blood flow in severely head-injured patients using xenon-enhanced computerized tomography. *J Neurosurg* 77:360-368, 1992 309 83. Lasjaunias P, Chiu M, Terbrugge K, Tolia A, Hurth M, Bernstein M: Neurological manifestations of intracranial dural arteriovenous malformations. *J Neurosurg* 64:724-730, 1986 306 84. Gennarelli TA, Spielman GM, Langfitt TW, Gildenberg PL, Harrington T, Jane JA, Marshall LF, Miller JD, Pitts LH: Influence of the type of intracranial lesion on outcome from severe head injury. A multicenter study using a new classification system. *J Neurosurg* 56:26-32, 1982 305 85. Marmarou A, Shulman K, Lamorgese J: Compartmental analysis of compliance and outflow resistance of the cerebrospinal fluid system. *J Neurosurg* 43:523-534, 1975 304 86. Awad IA, Little JR, Akrawi WP, Ahl J: Intracranial dural arteriovenous malformations: factors predisposing to an aggressive neurological course. *J Neurosurg* 72:839-850, 1990 303 87. Oldfield EH, Muraszko K, Shawker TH, Patronas NJ: Pathophysiology of syringomyelia associated with Chiari I malformation of the cerebellar tonsils. Implications for diagnosis and treatment. *J Neurosurg* 80:3-15, 1994 303 88. Giller CA, Bowman G, Dyer H, Mootz L, Krippner W: Cerebral arterial diameters during changes in blood pressure and carbon dioxide during craniotomy. *Neurosurgery* 32:737-742, 1993 302 89. Yoshida S, Inoh S, Asano T, Sano K, Kubota M, Shimazaki H, Ueta N: Effect of transient ischemia on free fatty acids and phospholipids in the gerbil brain. Lipid peroxidation as a possible cause of postischemic injury. *J Neurosurg* 53:323-331, 1980 302 90. Jannetta PJ, Abbasy M, Maroon JC, Ramos FM, Albin MS: Etiology and definitive microsurgical treatment of hemifacial spasm. Operative techniques and results in 47 patients. *J Neurosurg* 47:321-328, 1977 300 91. Roberts DW, Strohbehn JW, Hatch JF, Murray W, Kettenberger H: A frameless stereotaxic integration of computerized tomographic imaging and the operating microscope. *J Neurosurg* 65:545-549, 1986 300 92. Ferguson G: Physical factors in the initiation, growth, and rupture of human intracranial saccular aneurysms. *J Neurosurg* 37: 666-677, 1972 299 93. Graham DI, Ford I, Adams JH, Doyle D, Teasdale GM, Lawrence AE, McLellan DR: Ischaemic brain damage is still common in fatal non-missile head injury. *J Neurol Neurosurg Psychiatry* 52:346-350, 1989 298 94. Barrow DL, Spector RH, Braun IF, Landman JA, Tindall SC, Tindall GT: Classification and treatment of spontaneous carotidcavernous sinus fistulas. *J Neurosurg* 62:248-256, 1985 296 95. Shiozaki T, Sugimoto H, Taneda M, Yoshida H, Iwai A, Yoshioka T, Sugimoto T: Effect of mild hypothermia on uncontrollable intracranial hypertension after severe head injury. *J Neurosurg* 79:363-368, 1993 295 96. Benda P, Someda K, Messer J, Sweet WH:

Morphological and immunochemical studies of rat glial tumors and clonal strains propagated in culture. J Neurosurg 34:310-323, 1971 293 97. Yaşargil MG, Curcic M, Kis M, Siegenthaler G, Teddy PJ, Roth P: Total removal of craniopharyngiomas. Approaches and longterm results in 144 patients. J Neurosurg 73:3-11, 1990 293 98. Astrup J: Energy-requiring cell functions in the ischemic brain. Their critical supply and possible inhibition in protective therapy. J Neurosurg 56:482-497, 1982 292 99. Marion DW, Obrist WD, Earlier PM, Penrod LE, Darby JM: The use of moderate therapeutic hypothermia for patients with severe head injuries: a preliminary report. J Neurosurg 79:354-362, 1993 290 100. Varsos VG, Liszczak TM, Han DH, Kistler JP, Vielma J, Black PM, Heros RC, Zervas NT: Delayed cerebral vasospasm is not reversible by aminophylline, nifedipine, or papaverine in a "two-hemorrhage" canine model. J Neurosurg 58:11-17, 1983 287

Bibliografía

Ponce, Francisco A, y Andres M Lozano. 2010. «Highly cited works in neurosurgery. Part I: the 100 top-cited papers in neurosurgical journals». Journal of Neurosurgery 112 (2) (Febrero): 223-232. doi:10.3171/2009.12.JNS091599.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=articulos_mas_citados

Last update: **2025/05/13 02:01**

