

# Tiit Illimar Mathiesen

## List of Publications by Year in descending order

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Version: 2024-02-01

171  
papers

6,876  
citations

61977

43  
h-index

69246

77  
g-index

176  
all docs

176  
docs citations

176  
times ranked

6450  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recurrence of Cranial Base Meningiomas. <i>Neurosurgery</i> , 1996, 39, 2-9.	1.1	315
2	Possible role of inflammatory mediators in tactile hypersensitivity in rat models of mononeuropathy. <i>Pain</i> , 2000, 88, 239-248.	4.2	265
3	Intracerebral Inflammation after Human Brain Contusion. <i>Neurosurgery</i> , 1998, 42, 291-298.	1.1	251
4	Intracerebral administration of interleukin-1 $\beta$ and induction of inflammation, apoptosis, and vasogenic edema. <i>Journal of Neurosurgery</i> , 2000, 92, 108-120.	1.6	210
5	Experimental Subarachnoid Hemorrhage: Subarachnoid Blood Volume, Mortality Rate, Neuronal Death, Cerebral Blood Flow, and Perfusion Pressure in Three Different Rat Models. <i>Neurosurgery</i> , 2003, 52, 165-176.	1.1	194
6	Increased interleukin-6 levels in cerebrospinal fluid following subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 1993, 78, 562-567.	1.6	190
7	Deep and brainstem cavernomas: a consecutive 8-year series. <i>Journal of Neurosurgery</i> , 2003, 99, 31-37.	1.6	185
8	Cerebrospinal fluid interleukin-1 receptor antagonist and tumor necrosis factor $\alpha$ following subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 1997, 87, 215-220.	1.6	162
9	Intracerebral inflammatory response to experimental brain contusion. <i>Acta Neurochirurgica</i> , 1995, 132, 110-119.	1.7	161
10	Delayed cytokine expression in rat brain following experimental contusion. <i>Journal of Neurosurgery</i> , 1997, 86, 493-504.	1.6	159
11	Adult Nestin-expressing Subependymal Cells Differentiate to Astrocytes in Response to Brain Injury. <i>European Journal of Neuroscience</i> , 1997, 9, 65-75.	2.6	154
12	High resolution deletion analysis of constitutional DNA from neurofibromatosis type 2 (NF2) patients using microarray-CGH. <i>Human Molecular Genetics</i> , 2001, 10, 271-282.	2.9	147
13	Risk of Brain Tumors Associated with Exposure to Exogenous Female Sex Hormones. <i>American Journal of Epidemiology</i> , 2006, 164, 629-636.	3.4	139
14	Third ventricle colloid cysts: a consecutive 12-year series. <i>Journal of Neurosurgery</i> , 1997, 86, 5-12.	1.6	135
15	Visual Outcome of Tuberculum Sellae Meningiomas after Extradural Optic Nerve Decompression. <i>Neurosurgery</i> , 2006, 59, 570-576.	1.1	135
16	A new experimental model in rats for study of the pathophysiology of subarachnoid hemorrhage. <i>NeuroReport</i> , 2002, 13, 2553-2556.	1.2	130
17	VEGF and VEGF Receptor Expression after Experimental Brain Contusion in Rat. <i>Journal of Neurotrauma</i> , 2005, 22, 353-367.	3.4	128
18	High recurrence rate following aspiration of colloid cysts in the third ventricle. <i>Journal of Neurosurgery</i> , 1993, 78, 748-752.	1.6	125

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19	Proliferation, migration, and differentiation of human neural stem/progenitor cells after transplantation into a rat model of traumatic brain injury. <i>Journal of Neurosurgery</i> , 2004, 100, 88-96.	1.6	119
20	Incidence trends of adult primary intracerebral tumors in four Nordic countries. <i>International Journal of Cancer</i> , 2004, 108, 450-455.	5.1	108
21	Experimental Subarachnoid Hemorrhage: Cerebral Blood Flow and Brain Metabolism during the Acute Phase in Three Different Models in the Rat. <i>Neurosurgery</i> , 2004, 54, 426-437.	1.1	106
22	Long-Term 25-Year Follow-up of Surgically Treated Parasagittal Meningiomas. <i>World Neurosurgery</i> , 2011, 76, 564-571.	1.3	100
23	Delayed cell death related to acute cerebral blood flow changes following subarachnoid hemorrhage in the rat brain. <i>Journal of Neurosurgery</i> , 2005, 102, 1046-1054.	1.6	98
24	Long-term intracerebral inflammatory response after experimental focal brain injury in rat. <i>NeuroReport</i> , 1999, 10, 1889-1891.	1.2	87
25	Temporal Profiles and Cellular Sources of Three Nitric Oxide Synthase Isoforms in the Brain after Experimental Contusion. <i>Neurosurgery</i> , 2000, 46, 169-177.	1.1	83
26	Expression of matrix metalloproteinases 2 and 9 in meningiomas associated with different degrees of brain invasiveness and edema. <i>Journal of Neurosurgery</i> , 2001, 95, 839-844.	1.6	75
27	Poor prognosis associated with TERT gene alterations in meningioma is independent of the WHO classification: an individual patient data meta-analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 378-387.	1.9	75
28	EFFECTS OF USING COMBINED TRANSPETROSAL SURGICAL APPROACHES TO TREAT PETROCLIVAL MENINGIOMAS. <i>Neurosurgery</i> , 2007, 60, 982-992.	1.1	74
29	Characterization of Bax and Bcl-2 in apoptosis after experimental traumatic brain injury in the rat. <i>Acta Neuropathologica</i> , 2003, 105, 281-288.	7.7	71
30	Comprehensive genetic and epigenetic analysis of sporadic meningioma for macro-mutations on 22q and micro-mutations within the NF2 locus. <i>BMC Genomics</i> , 2007, 8, 16.	2.8	67
31	Genomic responses in rat cerebral cortex after traumatic brain injury. <i>BMC Neuroscience</i> , 2005, 6, 69.	1.9	65
32	Neuroprotection by Selective Inhibition of Inducible Nitric Oxide Synthase after Experimental Brain Contusion. <i>Journal of Neurotrauma</i> , 2006, 23, 1343-1354.	3.4	64
33	Meningiomas Engaging Major Venous Sinuses. <i>World Neurosurgery</i> , 2014, 81, 116-124.	1.3	64
34	Long-term follow-up of incidentally discovered meningiomas. <i>Acta Neurochirurgica</i> , 2015, 157, 225-230.	1.7	64
35	Identification of a consistent region of allelic loss on 1p32 in meningiomas: correlation with increased morbidity. <i>Cancer Research</i> , 1998, 58, 3226-30.	0.9	59
36	Neuroprotection by human neural progenitor cells after experimental contusion in rats. <i>Neuroscience Letters</i> , 2003, 351, 149-152.	2.1	58

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37	Intracranial traumatic and non-traumatic haemorrhagic complications of warfarin treatment. <i>Acta Neurologica Scandinavica</i> , 1995, 91, 208-214.	2.1	58
38	Temporal Profiles and Cellular Sources of Three Nitric Oxide Synthase Isoforms in the Brain after Experimental Contusion. <i>Neurosurgery</i> , 2000, , 169-177.	1.1	54
39	Nitric Oxide Synthase Expression after Human Brain Contusion. <i>Neurosurgery</i> , 2002, 50, 1319-1326.	1.1	52
40	Sustained survival of xenografted human neural stem/progenitor cells in experimental brain trauma despite discontinuation of immunosuppression. <i>Experimental Neurology</i> , 2006, 199, 339-347.	4.1	52
41	A snapshot of European neurosurgery December 2019 vs. March 2020: just before and during the Covid-19 pandemic. <i>Acta Neurochirurgica</i> , 2020, 162, 2221-2233.	1.7	50
42	A high ratio of insulin-like growth factor II/insulin-like growth factor binding protein 2 messenger RNA as a marker for anaplasia in meningiomas. <i>Cancer Research</i> , 1997, 57, 2611-4.	0.9	48
43	The Ki-67 Proliferation Index as a Marker of Time to Recurrence in Intracranial Meningioma. <i>Neurosurgery</i> , 2020, 87, 1289-1298.	1.1	47
44	Strain influences on inflammatory pathway activation, cell infiltration and complement cascade after traumatic brain injury in the rat. <i>Brain, Behavior, and Immunity</i> , 2013, 27, 109-122.	4.1	46
45	Potential complications following radiotherapy for meningiomas. <i>World Neurosurgery</i> , 2003, 60, 193-198.	1.3	44
46	Expression of IGF-II, IGFBP-2, -5, and -6 in meningiomas with different brain invasiveness. <i>Journal of Neuro-Oncology</i> , 2002, 57, 19-26.	2.9	42
47	MHC expression after human neural stem cell transplantation to brain contused rats. <i>NeuroReport</i> , 2004, 15, 1871-1875.	1.2	42
48	Comprehensive DNA Copy Number Profiling of Meningioma Using a Chromosome 1 Tiling Path Microarray Identifies Novel Candidate Tumor Suppressor Loci. <i>Cancer Research</i> , 2005, 65, 2653-2661.	0.9	42
49	COX-2 regulation and TUNEL-positive cell death differ between genders in the secondary inflammatory response following experimental penetrating focal brain injury in rats. <i>Acta Neurochirurgica</i> , 2015, 157, 649-659.	1.7	42
50	Traumatic intracerebral lesions without extracerebral haematoma in 218 patients. <i>Acta Neurochirurgica</i> , 1995, 137, 155-163.	1.7	40
51	Increases in matrix metalloproteinase-9 and tissue inhibitor of matrix metalloproteinase-1 mRNA after cerebral contusion and depolarisation. <i>Journal of Neuroscience Research</i> , 2003, 73, 803-810.	2.9	38
52	An audit of immunohistochemical marker patterns in meningioma. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 421-426.	1.5	38
53	Biphasic edema development after experimental brain contusion in rat. <i>Neuroscience Letters</i> , 1995, 194, 97-100.	2.1	37
54	Dexamethasone and colchicine reduce inflammation and delayed oedema following experimental brain contusion. <i>Acta Neurochirurgica</i> , 1996, 138, 418-424.	1.7	37

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55	Somatostatin Receptor-Targeted Radiopeptide Therapy in Treatment-Refractory Meningioma: Individual Patient Data Meta-analysis. <i>Journal of Nuclear Medicine</i> , 2021, 62, 507-513.	5.0	37
56	Long-term control and predictors of seizures in intracranial meningioma surgery: a population-based study. <i>Acta Neurochirurgica</i> , 2018, 160, 589-596.	1.7	35
57	Venous complications in supracerebellar infratentorial approach. <i>Acta Neurochirurgica</i> , 2013, 155, 477-478.	1.7	33
58	Socioeconomic position and the risk of brain tumour: a Swedish national population-based cohort study. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 1222-1228.	3.7	32
59	Loud Noise Exposure and Acoustic Neuroma. <i>American Journal of Epidemiology</i> , 2014, 180, 58-67.	3.4	31
60	Intracranial meningiomas and seizures: a review of the literature. <i>Acta Neurochirurgica</i> , 2015, 157, 1541-1548.	1.7	31
61	Hyperbaric oxygen treatment of postoperative neurosurgical infections. <i>Neurosurgery</i> , 2002, 50, 287-95; discussion 295-6.	1.1	31
62	EFFECTS OF USING COMBINED TRANSPETROSAL SURGICAL APPROACHES TO TREAT PETROCLIVAL MENINGIOMAS. <i>Neurosurgery</i> , 2008, 62, SHC1213-SHC1223.	1.1	30
63	Induction of astrocytic nestin expression by depolarization in rats. <i>Neuroscience Letters</i> , 2001, 314, 151-155.	2.1	29
64	Hyperbaric Oxygen Treatment of Postoperative Neurosurgical Infections. <i>Neurosurgery</i> , 2002, 50, 287-296.	1.1	29
65	Long-term Mobile Phone Use and Acoustic Neuroma Risk. <i>Epidemiology</i> , 2014, 25, 233-241.	2.7	29
66	Neuroprotective effects of N-acetylcysteine amide on experimental focal penetrating brain injury in rats. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1477-1483.	1.5	29
67	Autoreactive antibodies against neurons and basal lamina found in serum following experimental brain contusion in rats. <i>Acta Neurochirurgica</i> , 2006, 148, 199-205.	1.7	28
68	Ethical clinical translation of stem cell interventions for neurologic disease. <i>Neurology</i> , 2017, 88, 322-328.	1.1	28
69	Arguments against the proposed randomised trial (ARUBA). <i>Neuroradiology</i> , 2008, 50, 469-471.	2.2	27
70	TERT promoter mutations in primary and secondary WHO grade III meningioma. <i>Brain Pathology</i> , 2021, 31, 61-69.	4.1	27
71	Hyperbaric oxygen therapy in spontaneous brain abscess patients: a population-based comparative cohort study. <i>Acta Neurochirurgica</i> , 2016, 158, 1259-1267.	1.7	26
72	Multidisciplinary management of clival chordomas; long-term clinical outcome in a single-institution consecutive series. <i>Acta Neurochirurgica</i> , 2017, 159, 1857-1868.	1.7	25

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73	IgG subclass reactivity against human immunodeficiency virus (HIV) and cytomegalovirus in cerebrospinal fluid and serum from HIV-infected patients. <i>Journal of Medical Virology</i> , 1988, 25, 17-26.	5.0	24
74	Reduced Neuronal Injury after Treatment with NG-nitro-L-arginine methyl ester (L-NAME) or 2-sulfo-phenyl-N-tert-butyl nitron (S-PBN) Following Experimental Brain Contusion. <i>Neurosurgery</i> , 2005, 57, 1272-1281.	1.1	24
75	Experimental subarachnoid hemorrhage induces changes in the levels of hippocampal NMDA receptor subunit mRNA. <i>Molecular Brain Research</i> , 2005, 137, 119-125.	2.3	24
76	Ten-year follow-up after Gamma Knife radiosurgery of meningioma and review of the literature. <i>Acta Neurochirurgica</i> , 2020, 162, 2183-2196.	1.7	24
77	Cerebrospinal fluid and blood lymphocyte subpopulations following subarachnoid haemorrhage. <i>British Journal of Neurosurgery</i> , 1996, 10, 89-92.	0.8	22
78	The Changing Health Care Landscape and Implications of Organizational Ethics on Modern Medical Practice. <i>World Neurosurgery</i> , 2017, 102, 420-424.	1.3	22
79	Neuronal degeneration and iNOS expression in experimental brain contusion following treatment with colchicine, dexamethasone, tirilazad mesylate and nimodipine. <i>Acta Neurochirurgica</i> , 2005, 147, 1071-1084.	1.7	21
80	Hyperbaric Oxygen Treatment of Postoperative Neurosurgical Infections. <i>Neurosurgery</i> , 2008, 62, 652-71.	1.1	21
81	MK-801 inhibits the cortical increase in IGF-1, IGFBP-2 and IGFBP-4 expression following trauma. <i>NeuroReport</i> , 1997, 8, 455-460.	1.2	20
82	Posterior Canal Dehiscence Syndrome Caused by an Apex Cholesteatoma. <i>Otology and Neurotology</i> , 2006, 27, 531-534.	1.3	20
83	Statement of Ethics in Neurosurgery of the World Federation of Neurosurgical Societies. <i>World Neurosurgery</i> , 2011, 76, 239-247.	1.3	20
84	Role of Tobacco Use in the Etiology of Acoustic Neuroma. <i>American Journal of Epidemiology</i> , 2012, 175, 1243-1251.	3.4	20
85	High-resolution array-CGH profiling of germline and tumor-specific copy number alterations on chromosome 22 in patients affected with schwannomas. <i>Human Genetics</i> , 2005, 118, 35-44.	3.8	19
86	Hypoglossal schwannoma "successful reinnervation and functional recovery of the tongue following tumour removal and nerve grafting. <i>Acta Neurochirurgica</i> , 2009, 151, 837-841.	1.7	19
87	Long-Term Follow-Up and Predictors of Functional Outcome after Surgery for Spinal Meningiomas: A Population-Based Cohort Study. <i>Cancers</i> , 2021, 13, 3244.	3.7	19
88	Combination of microsurgery and Gamma Knife surgery for the treatment of intracranial chondrosarcomas. <i>Journal of Neurosurgery</i> , 2006, 105, 18-25.	1.6	19
89	Temporal profiles and cellular sources of three nitric oxide synthase isoforms in the brain after experimental contusion. <i>Neurosurgery</i> , 2000, 46, 169-77.	1.1	19
90	Increased CSF neopterin levels in subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 1990, 73, 69-71.	1.6	18

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91	NEURONAVIGATION FOR ARTERIOVENOUS MALFORMATION SURGERY BY INTRAOPERATIVE THREE-DIMENSIONAL ULTRASOUND ANGIOGRAPHY. <i>Operative Neurosurgery</i> , 2007, 60, 345-351.	0.8	18
92	Maternal smoking during pregnancy and the risk of childhood brain tumors: Results from a Swedish cohort study. <i>Cancer Epidemiology</i> , 2016, 40, 67-72.	1.9	18
93	COX-2 Inhibition by Diclofenac Is Associated With Decreased Apoptosis and Lesion Area After Experimental Focal Penetrating Traumatic Brain Injury in Rats. <i>Frontiers in Neurology</i> , 2019, 10, 811.	2.4	18
94	Ethics in contemporary health care management and medical education. <i>Journal of Evaluation in Clinical Practice</i> , 2020, 26, 699-706.	1.8	18
95	Ethical difficulties in the innovative surgical treatment of patients with recurrent glioblastoma multiforme. <i>Journal of Neurosurgery</i> , 2017, 126, 2045-2050.	1.6	17
96	Antiepileptic drugs as prophylaxis for de novo brain tumour-related epilepsy after craniotomy: a systematic review and meta-analysis of harm and benefits. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 599-607.	1.9	16
97	Trigeminal complications arising after surgery of cranial base meningiomas. <i>Neurosurgical Review</i> , 2012, 35, 203-210.	2.4	15
98	Microvascular decompression for typewriter tinnitus-case report. <i>Acta Neurochirurgica</i> , 2015, 157, 333-336.	1.7	14
99	Preservation of tap vestibular evoked myogenic potentials despite resection of the inferior vestibular nerve. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2004, 14, 347-351.	2.0	14
100	Proposal of a new grading system for meningioma resection: the Copenhagen Protocol. <i>Acta Neurochirurgica</i> , 2022, 164, 229-238.	1.7	14
101	iNOS-mediated secondary inflammatory response differs between rat strains following experimental brain contusion. <i>Acta Neurochirurgica</i> , 2012, 154, 689-697.	1.7	13
102	Immunoglobulin G subclasses and lymphocyte stimulatory responses to cytomegalovirus in transplant patients with primary cytomegalovirus infections. <i>Journal of Medical Virology</i> , 1992, 36, 65-69.	5.0	12
103	Endoscopic Management of Colloid Cysts. <i>Neurosurgery</i> , 1998, 42, 1294-1294.	1.1	12
104	The risk of developing a meningioma during and after pregnancy. <i>Scientific Reports</i> , 2021, 11, 9153.	3.3	12
105	Meningiomaâ€œBrain Crosstalk: A Scoping Review. <i>Cancers</i> , 2021, 13, 4267.	3.7	12
106	Health-Related Quality of Life and Return to Work after Surgery for Spinal Meningioma: A Population-Based Cohort Study. <i>Cancers</i> , 2021, 13, 6371.	3.7	12
107	Hyperbaric Oxygen Therapy as Adjuvant Treatment for Hardware-Related Infections in Neuromodulation. <i>Stereotactic and Functional Neurosurgery</i> , 2018, 96, 100-107.	1.5	11
108	Cognitive dysfunction and subjective symptoms in patients with arachnoid cyst before and after surgery. <i>Acta Neurochirurgica</i> , 2020, 162, 1041-1050.	1.7	11

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109	Discontinuation of External Ventricular Drainage in Patients with Hydrocephalus Following Aneurysmal Subarachnoid Hemorrhage - a Scandinavian Multi-institutional Survey. <i>Acta Neurochirurgica</i> , 2020, 162, 1363-1370.	1.7	11
110	Randomized blinded trial of automated REBOA during CPR in a porcine model of cardiac arrest. <i>Resuscitation</i> , 2021, 160, 39-48.	3.0	11
111	Prolonged survival and vascularization of xenografted human glioblastoma cells in the central nervous system of Cyclosporine A treated rats. <i>Cancer Letters</i> , 1989, 44, 151-156.	7.2	10
112	Two-year survival of low-grade and high-grade glioma patients using data from the Swedish Cancer Registry. <i>Acta Neurochirurgica</i> , 2011, 153, 467-471.	1.7	10
113	Post-craniotomy neuronavigation based purely on intraoperative ultrasound imaging without preoperative neuronavigational planning. <i>Neurosurgical Review</i> , 2012, 35, 263-268.	2.4	10
114	Pharmacokinetic analysis of [68Ga]Ga-DOTA-TOC PET in meningiomas for assessment of in vivo somatostatin receptor subtype 2. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2577-2588.	6.4	10
115	Safe handling of veins in the pineal region – a mixed method study. <i>Neurosurgical Review</i> , 2021, 44, 317-325.	2.4	10
116	The quality of articles and challenges ahead. <i>Acta Neurochirurgica</i> , 2017, 159, 1-2.	1.7	9
117	Central nervous system tumor registration in the Swedish Cancer Register and Inpatient Register between 1990 and 2014. <i>Clinical Epidemiology</i> , 2019, Volume 11, 81-92.	3.0	9
118	Parasagittal meningiomas. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 170, 93-100.	1.8	9
119	Susceptibility to Oxidative Stress Is Determined by Genetic Background in Neuronal Cell Cultures. <i>ENeuro</i> , 2018, 5, ENEURO.0335-17.2018.	1.9	9
120	The role of systemic inflammatory cells in meningiomas. <i>Neurosurgical Review</i> , 2022, 45, 1205-1215.	2.4	9
121	DNA-Determination in the Clinical Management of Patients with Meningioma or Haemangioblastoma. <i>British Journal of Neurosurgery</i> , 1989, 3, 575-581.	0.8	8
122	Depolarization induces insulin-like growth factor binding protein-2 expression in vivo via NMDA receptor stimulation. <i>Growth Hormone and IGF Research</i> , 2001, 11, 399-406.	1.1	8
123	Survival of glioma patients in relation to mobile phone use in Denmark, Finland and Sweden. <i>Journal of Neuro-Oncology</i> , 2019, 141, 139-149.	2.9	8
124	Prompt closure versus gradual weaning of external ventricular drainage for hydrocephalus in adult patients with aneurysmal subarachnoid haemorrhage: a systematic review. <i>BMJ Open</i> , 2020, 10, e040722.	1.9	8
125	Three pitfalls of accountable healthcare rationing. <i>Journal of Medical Ethics</i> , 2021, , medethics-2020-106943.	1.8	8
126	Implementation of <i>TERT</i> promoter mutations improve prognostication of the WHO classification in meningioma. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	8



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127	Validation of self-reported start year of mobile phone use in a Swedish case-control study on radiofrequency fields and acoustic neuroma risk. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 72-79.	3.9	7
128	Differences in cell death between high and low energy brain injury in adult rats. <i>Acta Neurochirurgica</i> , 2008, 150, 1269-1275.	1.7	6
129	Intracranial hemorrhage due to intracranial hypertension caused by the superior vena cava syndrome. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1040-1041.	1.5	6
130	Birth Size Characteristics and Risk of Brain Tumors in Early Adulthood: Results from a Swedish Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 678-685.	2.5	6
131	Induction of GFAP production in human glioma lines grafted into the anterior chamber of the rat eye. <i>Neuroscience Letters</i> , 1989, 97, 291-297.	2.1	5
132	Microsurgery with the Steiner-Lindquist stereotaxic guide. <i>British Journal of Neurosurgery</i> , 1996, 10, 155-160.	0.8	5
133	Hyperbaric Oxygen Treatment of Postoperative Neurosurgical Infections. <i>Neurosurgery</i> , 2002, 50, 287-296.	1.1	5
134	Parental age and risk of genetic syndromes predisposing to nervous system tumors: nested case-control study. <i>Clinical Epidemiology</i> , 2018, Volume 10, 729-738.	3.0	5
135	Mitotic and Proliferative Indices in WHO Grade III Meningioma. <i>Cancers</i> , 2020, 12, 3351.	3.7	5
136	The prognostic significance of biomarkers in cerebrospinal fluid following severe traumatic brain injury: a systematic review and meta-analysis. <i>Neurosurgical Review</i> , 2022, 45, 2547-2564.	2.4	5
137	Radiation-induced meningiomas: the paradox of radiation treatment. <i>Neurosurgical Focus</i> , 2008, 24, E6.	2.3	4
138	Shock wave trauma leads to inflammatory response and morphological activation in macrophage cell lines, but does not induce iNOS or NO synthesis. <i>Acta Neurochirurgica</i> , 2014, 156, 2365-2378.	1.7	4
139	Surgeons' experience of venous risk with CPA surgery. <i>Neurosurgical Review</i> , 2021, 44, 1675-1685.	2.4	4
140	Prompt closure versus gradual weaning of extraventricular drainage for hydrocephalus in adult patients with aneurysmal subarachnoid haemorrhage: a systematic review protocol with meta-analysis and trial sequential analysis. <i>BMJ Open</i> , 2019, 9, e029719.	1.9	4
141	Machine Learning and Ethics. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 251-256.	1.0	4
142	Granular clinical history and outcome in 51 patients with primary and secondary malignant meningioma. <i>Journal of Neurosurgery</i> , 2022, 137, 1347-1357.	1.6	4
143	Loss of H3K27me3 in WHO grade 3 meningioma. <i>Brain Tumor Pathology</i> , 0, . .	1.7	4
144	Ear tumours induced by experimental carcinogenesis in the rat: excision prevents early death. <i>International Journal of Colorectal Disease</i> , 1994, 9, 125-127.	2.2	3

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145	To operate or notâ€”the impact of a lecture on radical glioblastoma surgery and different treatment options on decision-making for oneself and patients. <i>Acta Neurochirurgica</i> , 2013, 155, 1425-1429.	1.7	3
146	Adjuvant radiotherapy and stereotactic radiosurgery in grade 3 meningiomas â€” a systematic review and meta-analysis. <i>Neurosurgical Review</i> , 2022, 45, 2639-2658.	2.4	3
147	Delayed brainstem ischemia following rupture of a basilar artery aneurysm and its reversal by nimodipine. <i>Acta Neurologica Scandinavica</i> , 2009, 82, 150-152.	2.1	2
148	Introduction. Surgery involving the venous system and complication avoidance. <i>Neurosurgical Focus</i> , 2018, 45, E1.	2.3	2
149	Acta Neurochirurgica 2019. <i>Acta Neurochirurgica</i> , 2019, 161, 1-1.	1.7	2
150	Clinical Chiari syndrome or anatomical Chiari malformation? A conundrum revisited. <i>Acta Neurochirurgica</i> , 2020, 162, 1527-1528.	1.7	2
151	Should neurosurgeons continue to work in the absence of personal protective equipment during the COVID-19 era?. <i>Acta Neurochirurgica</i> , 2021, 163, 593-598.	1.7	2
152	Letter to the Editor. Copenhagen grading of meningioma. <i>Journal of Neurosurgery</i> , 2022, 136, 1506-1508.	1.6	2
153	Population-Based Data: The Impact on Glioma Treatment for Elderly Patients. <i>World Neurosurgery</i> , 2012, 78, 426-427.	1.3	1
154	Comments on Hardell and Carlberg Increasing Rates of Brain Tumors in the Swedish National Inpatient Register and the Causes of Death Register. <i>Int. J. Environ. Res. Public Health</i> 2015, 12, 3793â€”3813. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11662-11664.	2.6	1
155	Editorial RE: â€œSide errors in neurosurgery and human factors trainingâ€. <i>Acta Neurochirurgica</i> , 2015, 157, 493-494.	1.7	1
156	Editorial: Is volume a proxy for quality?. <i>Journal of Neurosurgery</i> , 2015, 123, 629-630.	1.6	1
157	Occurrence of primary brain tumors in cochlear implant patients in Sweden between 1989 and 2014. <i>Clinical Epidemiology</i> , 2018, Volume 10, 1401-1405.	3.0	1
158	Pre-Chiasmatic, Single Injection of Autologous Blood to Induce Experimental Subarachnoid Hemorrhage in a Rat Model. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
159	Recurrence of Meningiomas and Its Management. , 2010, , 693-710.		1
160	Nitric Oxide Synthase Expression after Human Brain Contusion. <i>Neurosurgery</i> , 2002, 50, 1319-1326.	1.1	0
161	Specific in vitro IgG subclass synthesis and lymphocyte proliferation responses in herpes virus encephalitis. <i>Acta Neurologica Scandinavica</i> , 2009, 81, 341-345.	2.1	0
162	Publication comment. <i>Acta Neurochirurgica</i> , 2010, 152, 1417-1417.	1.7	0

#	ARTICLE	IF	CITATIONS
163	L-N-Iminoethyl-lysine after experimental brain trauma attenuates cellular proliferation and astrocyte differentiation. Acta Neurochirurgica, 2012, 154, 681-687.	1.7	0
164	Neurosurgery and pregnancy. Acta Neurochirurgica, 2018, 160, 1359-1359.	1.7	0
165	The delicate topic of progress. Acta Neurochirurgica, 2019, 161, 1489-1490.	1.7	0
166	OTEH-3. Targeted Gene-Expression analysis during malignant transformation in primary and secondary malignant meningioma. Neuro-Oncology Advances, 2021, 3, ii10-ii11.	0.7	0
167	P04.05 Targeted Gene-Expression analysis during malignant transformation in primary and secondary malignant meningioma. Neuro-Oncology, 2021, 23, ii19-ii19.	1.2	0
168	Are the Calcium Antagonists Really Useful in Cerebral Aneurysmal Surgery? A Retrospective Study. Neurosurgery, 1994, 35, 541.	1.1	0
169	Informed Consent for Neurosurgical Innovation. , 2019, , 11-25.		0
170	Quality assessment of evidence must be stated in conclusions to avoid conveying questionable recommendations. Neurosurgical Review, 2022, 45, 923-924.	2.4	0
171	Ethico-legal regional differences in European neurosurgical practice: Part 1-pre-COVID-19 era. Brain and Spine, 2022, , 100899.	0.1	0