

Mika Niemelä

List of Publications by Year in descending order

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Version: 2024-02-01

278
papers

11,042
citations

30070

54
h-index

40979

93
g-index

297
all docs

297
docs citations

297
times ranked

9604
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of bleb formation in intracranial aneurysms using machine learning models based on aneurysm hemodynamics, geometry, location, and patient population. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1002-1007.	3.3	4
2	Anatomic Risk Factors for S1 Segment Superior Cerebellar Artery Aneurysm Rupture: A Radiologic Study on 81 Consecutive Patients. <i>World Neurosurgery</i> , 2022, 158, e344-e351.	1.3	0
3	Recovery Potential of Spinal Meningioma Patients With Preoperative Loss of Walking Ability Following Surgery – A Retrospective Single-Center Study. <i>Neurospine</i> , 2022, , .	2.9	1
4	Inflammation and neutrophil extracellular traps in cerebral cavernous malformation. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 206.	5.4	12
5	A new home for the Helsinki Neurosurgical Department – closure of Töölön Hospital after 90 years of neurosurgical history. <i>Acta Neurochirurgica</i> , 2022, 164, 1447-1452.	1.7	2
6	Fast Transition from Open Surgery to Endovascular Treatment of Unruptured Anterior Communicating Artery Aneurysms – A Retrospective Analysis of 128 Patients. <i>World Neurosurgery</i> , 2022, 165, e668-e679.	1.3	4
7	Hemodynamics in aneurysm blebs with different wall characteristics. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 642-646.	3.3	19
8	Is surgery justified for 80-year-old or older intracranial meningioma patients? A systematic review. <i>Neurosurgical Review</i> , 2021, 44, 1061-1069.	2.4	11
9	Blebs in intracranial aneurysms: prevalence and general characteristics. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 226-230.	3.3	16
10	Clinical outcome after microsurgical resection of intraventricular trigone meningiomas: a single-centre analysis of 20 years and literature overview. <i>Acta Neurochirurgica</i> , 2021, 163, 677-687.	1.7	4
11	Letter: Training of Microsurgical Aneurysm Clipping in the Endovascular Era: Towards Structured Fellowship Programs in Europe. <i>Neurosurgery</i> , 2021, 88, E465-E466.	1.1	4
12	Vascular Macrophages as Therapeutic Targets to Treat Intracranial Aneurysms. <i>Frontiers in Immunology</i> , 2021, 12, 630381.	4.8	25
13	Coagulopathy and its effect on treatment and mortality in patients with traumatic intracranial hemorrhage. <i>Acta Neurochirurgica</i> , 2021, 163, 1391-1401.	1.7	3
14	Comparison of Operating Microscope and Exoscope in a Highly Challenging Experimental Setting. <i>World Neurosurgery</i> , 2021, 147, e468-e475.	1.3	38
15	Comparing health-related quality of life in modified Rankin Scale grades: 15D results from 323 patients with brain arteriovenous malformation and population controls. <i>Acta Neurochirurgica</i> , 2021, 163, 2037-2046.	1.7	2
16	Role of Adaptor Protein Myeloid Differentiation 88 (MyD88) in Post-Subarachnoid Hemorrhage Inflammation: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4185.	4.1	12
17	Effect of Surgeon Experience on Surgical Outcome of 80-Year-Old or Older Intracranial Meningioma Patients. <i>World Neurosurgery</i> , 2021, 148, e374-e380.	1.3	4
18	SARS-CoV-2 and Stroke Characteristics. <i>Stroke</i> , 2021, 52, e117-e130.	2.0	51

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19	Mortality of surgically treated 80-year-old or older intracranial meningioma patients in comparison to matched general population. <i>Scientific Reports</i> , 2021, 11, 11454.	3.3	3
20	Aneurysm-Mimicking Hemangioblastoma Presenting With Spontaneous Acute Subdural Hematoma. <i>JAMA Neurology</i> , 2021, 78, 755.	9.0	0
21	Young adults undergoing ACDF surgery exhibit decreased health-related quality of life in the long term in a comparison to the general population. <i>Spine Journal</i> , 2021, 21, 924-936.	1.3	3
22	Associations between Adolescents' Social Leisure Activities and the Onset of Mental Disorders in Young Adulthood. <i>Journal of Youth and Adolescence</i> , 2021, 50, 1757-1765.	3.5	9
23	Posttraumatic subarachnoid hemorrhage related to concomitant carotid artery dissection and ruptured basilar trunk aneurysm: A case report and literature review. , 2021, 12, 344.		2
24	Differential polarization and activation dynamics of systemic T helper cell subsets after aneurysmal subarachnoid hemorrhage (SAH) and during post-SAH complications. <i>Scientific Reports</i> , 2021, 11, 14226.	3.3	10
25	In Reply to the Letter to the Editor Regarding "Effect of Surgeon Experience on Surgical Outcome of 80-Year-Old or Older Intracranial Meningioma Patients". <i>World Neurosurgery</i> , 2021, 151, 319.	1.3	1
26	Parental Physical Illnesses and Their Association with Subsequent Externalizing and Internalizing Symptoms in Children. <i>Journal of Child and Family Studies</i> , 2021, 30, 2677.	1.3	2
27	The Role of the Glycocalyx in the Pathophysiology of Subarachnoid Hemorrhage-Induced Delayed Cerebral Ischemia. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 731641.	3.7	8
28	Serum Amyloid A Is Present in Human Saccular Intracranial Aneurysm Walls and Associates With Aneurysm Rupture. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 966-974.	1.7	5
29	Brain Immune Interactions – Novel Emerging Options to Treat Acute Ischemic Brain Injury. <i>Cells</i> , 2021, 10, 2429.	4.1	15
30	Surgery on giant meningiomas in very old patients entails frequent postoperative intracranial hemorrhages and atypical histopathology. <i>Journal of Neuro-Oncology</i> , 2021, 152, 195-204.	2.9	8
31	Two out of three of octogenarians benefitted from delayed resection of spinal meningiomas. , 2021, 12, 593.		0
32	Screening of unruptured intracranial aneurysms in 50 to 60-year-old female smokers: a pilot study. <i>Scientific Reports</i> , 2021, 11, 23729.	3.3	9
33	Risks and Benefits of Glioblastoma Resection in Older Adults: A Retrospective Austrian Multicenter Study. <i>World Neurosurgery</i> , 2020, 133, e583-e591.	1.3	8
34	Optic canal decompression in patients with vision reduction due to tumour growth in optic canal: A technical note. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 19, 100601.	0.3	0
35	Comparison of Conventional Microscopic and Exoscopic Experimental Bypass Anastomosis: A Technical Analysis. <i>World Neurosurgery</i> , 2020, 135, e293-e299.	1.3	20
36	Adolescent social functioning in offspring at high risk for schizophrenia spectrum disorders in the Finnish Adoptive Family Study of Schizophrenia. <i>Schizophrenia Research</i> , 2020, 215, 293-299.	2.0	2

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37	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. <i>Nature Genetics</i> , 2020, 52, 1303-1313.	21.4	163
38	Cigarette Smoking Is More Prevalent in Patients With Brain Arteriovenous Malformations Compared to General Population: A Cross-Sectional Population-Based Study. <i>Neurosurgery</i> , 2020, 87, E657-E662.	1.1	4
39	Risk of stroke in hospitalized SARS-CoV-2 infected patients: A multinational study. <i>EBioMedicine</i> , 2020, 59, 102939.	6.1	82
40	Parental somatic illnesses and their association with prodromal symptoms of psychosis among offspring. <i>Schizophrenia Research</i> , 2020, 224, 190-192.	2.0	0
41	Letter: Safety Instructions for Neurosurgeons During COVID-19 Pandemic Based on Recent Knowledge and Experience. <i>Neurosurgery</i> , 2020, 87, E220-E221.	1.1	17
42	Elevated level of cerebrospinal fluid and systemic chemokine CCL5 is a predictive biomarker of clinical outcome after aneurysmal subarachnoid hemorrhage (aSAH). <i>Cytokine</i> , 2020, 133, 155142.	3.2	15
43	Elevated Systemic IL-10 Levels Indicate Immunodepression Leading to Nosocomial Infections after Aneurysmal Subarachnoid Hemorrhage (SAH) in Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1569.	4.1	20
44	Anterior cervical discectomy and fusion in young adults leads to favorable outcome in long-term follow-up. <i>Spine Journal</i> , 2020, 20, 1073-1084.	1.3	14
45	Targeting High Mobility Group Box 1 in Subarachnoid Hemorrhage: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2709.	4.1	16
46	Symptomatic peritumoral edema is associated with surgical outcome: a consecutive series of 72 supratentorial meningioma patients 80 years of age. <i>Journal of Neuro-Oncology</i> , 2020, 148, 109-116.	2.9	12
47	Flow diversion for internal carotid artery aneurysms: Impact of complex aneurysm features and overview of outcome. <i>Clinical Neurology and Neurosurgery</i> , 2020, 193, 105782.	1.4	7
48	Surgical treatment of a rare rosette-forming glioneuronal tumor in the pineal region. , 2020, 11, 68.		4
49	Microsurgical removal of a misplaced intraspinal venous stent in a patient with inferior vena cava atresia. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 763-767.	1.7	0
50	Are Fetal-Type Posterior Cerebral Arteries Associated With an Increased Risk of Posterior Communicating Artery Aneurysms?. <i>Neurosurgery</i> , 2019, 84, 1306-1312.	1.1	19
51	The Application of the Novel Grading Scale (Lawton-Young Grading System) to Predict the Outcome of Brain Arteriovenous Malformation. <i>Neurosurgery</i> , 2019, 84, 529-536.	1.1	25
52	Microsurgical dissection of Sylvian fissure – short technical videos of third generation cerebrovascular neurosurgeons. <i>Acta Neurochirurgica</i> , 2019, 161, 1743-1746.	1.7	16
53	Pineoblastomas: A long-term follow up study of three cases in Helsinki Neurosurgery. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019, 18, 100477.	0.3	4
54	Calcification in Human Intracranial Aneurysms Is Highly Prevalent and Displays Both Atherosclerotic and Nonatherosclerotic Types. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2157-2167.	2.4	24

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55	Extent of Resection and Long-Term Survival of Pineal Region Tumors in Helsinki Neurosurgery. <i>World Neurosurgery</i> , 2019, 131, e379-e391.	1.3	25
56	Management of jugular bulb injury during drilling of the internal auditory canal (ICA) for vestibular schwannoma surgery. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2019, 40, 341.	1.3	2
57	Preliminary experience with a digital robotic exoscope in cranial and spinal surgery: a review of the Synaptive Modus V system. <i>Acta Neurochirurgica</i> , 2019, 161, 2175-2180.	1.7	39
58	Interaction of genetic vulnerability to schizophrenia and family functioning in adopted-away offspring of mothers with schizophrenia. <i>Psychiatry Research</i> , 2019, 278, 205-212.	3.3	9
59	Meditation music improved the quality of suturing in an experimental bypass procedure. <i>Acta Neurochirurgica</i> , 2019, 161, 1515-1521.	1.7	8
60	Mirror Distal Anterior Cerebral Artery Aneurysms in a Patient with Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2019, 129, 101-104.	1.3	0
61	Ultrasound-guided percutaneous ventriculo-atrial shunt placement: Technical nuances with video demonstration. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019, 17, 40-41.	0.3	5
62	Hybrid Capability to Integrate Multiple Treatment Modalities for Managing High-Grade Intracranial Dural Arteriovenous Fistulas. <i>World Neurosurgery</i> , 2019, 125, e774-e783.	1.3	4
63	Collective Impact on Prevention: Let's Talk About Children Service Model and Decrease in Referrals to Child Protection Services. <i>Frontiers in Psychiatry</i> , 2019, 10, 64.	2.6	26
64	Bypass Surgery for Complex Internal Carotid Artery Aneurysms: 39 Consecutive Patients. <i>World Neurosurgery</i> , 2019, 126, e453-e462.	1.3	4
65	Perioperative Treatment of Brain Arteriovenous Malformations Between 2006 and 2014: The Helsinki Protocol. <i>Neurocritical Care</i> , 2019, 31, 346-356.	2.4	1
66	Techniques of intracranial aneurysm wall biopsy. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2019, 17, 10-11.	0.3	0
67	Successful endovascular coil embolisation of a ruptured V1-segment vertebral artery dissecting aneurysm making a fistula with the adjacent vein. <i>BMJ Case Reports</i> , 2019, 12, e229108.	0.5	1
68	Long-term health-related quality of life in 262 patients with brain arteriovenous malformation. <i>Neurology</i> , 2019, 93, e1374-e1384.	1.1	8
69	The Identification of Factors That Influence the Quality of Bypass Anastomosis and an Evaluation of the Usefulness of an Experimental Practical Scale in This Regard. <i>World Neurosurgery</i> , 2019, 121, e119-e128.	1.3	14
70	Utility of Video Indocyanine Angiography to Detect the Cortical Entry Point of a Draining Vein with a Superficial Vein During Arteriovenous Malformation Surgery. <i>World Neurosurgery</i> , 2019, 122, 428.	1.3	2
71	Surgical Treatment of Pediatric Unilateral Tinnitus Due to Cochleovestibular Nerve Compression by Intrameatal Anterior Inferior Cerebellar Artery Loop. <i>World Neurosurgery</i> , 2019, 124, 67-70.	1.3	4
72	Sterile Inflammation, Potential Target in Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2019, 123, 159-160.	1.3	9

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73	Temporal profile of serum mitochondrial DNA (mtDNA) in patients with aneurysmal subarachnoid hemorrhage (aSAH). <i>Mitochondrion</i> , 2019, 47, 218-226.	3.4	14
74	Recurrence of endovascularly and microsurgically treated intracranial aneurysmsâ€”review of the putative role of aneurysm wall biology. <i>Neurosurgical Review</i> , 2019, 42, 49-58.	2.4	38
75	Parental hospitalâ€”treated somatic illnesses and psychosis of the offspringâ€”The Northern Finland Birth Cohort 1986 study. <i>Microbial Biotechnology</i> , 2019, 13, 290-296.	1.7	3
76	The microsurgical management of benign pineal cysts: Helsinki experience in 60 cases. , 2019, 10, 103.		13
77	Management of oculomotor nerve schwannoma: Systematic review of literature and illustrative case. , 2019, 10, 40.		17
78	Riskier-than-expected occlusive treatment of ruptured posterior communicating artery aneurysms: treatment and outcome of 620 consecutive patients. <i>Journal of Neurosurgery</i> , 2019, 131, 1269-1277.	1.6	2
79	Parental hospital-treated somatic illnesses during offspring's childhood associated with later offspring use of psychotropic medication during childhood to young adult â€” The 1987 Finnish Birth Cohort study. <i>Preventive Medicine</i> , 2018, 111, 254-264.	3.4	1
80	Myeloperoxidase Associates With Degenerative Remodeling and Rupture of the Saccular Intracranial Aneurysm Wall. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 461-468.	1.7	26
81	Psychiatric diagnoses of children affected by their parentsâ€™ traumatic brain injury: the 1987 Finnish Birth Cohort study. <i>Brain Injury</i> , 2018, 32, 933-940.	1.2	5
82	Inflammatory changes in the aneurysm wall: a review. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, i58-i67.	3.3	120
83	Papillary Tumor of the Pineal Region in Children: Presentation of a Case and Comprehensive Literature Review. <i>World Neurosurgery</i> , 2018, 117, 144-152.	1.3	13
84	Role of Damage Associated Molecular Pattern Molecules (DAMPs) in Aneurysmal Subarachnoid Hemorrhage (aSAH). <i>International Journal of Molecular Sciences</i> , 2018, 19, 2035.	4.1	65
85	Macrophage Infiltration in the Saccular Intracranial Aneurysm Wall as a Response to Locally Lysed Erythrocytes That Promote Degeneration. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 890-903.	1.7	22
86	Surgical management of coexisting trigeminal neuralgia and hemifacial spasm. , 2018, 9, 214.		6
87	Multiple meningiomas in two male-to-female transsexual patients with hormone replacement therapy: A report of two cases and a brief literature review. , 2018, 9, 109.		10
88	The impact of neurosurgical procedure on cognitive resources: Results of bypass training. , 2018, 9, 71.		3
89	European consensus conference on unruptured brain AVMs treatment (Supported by EANS, ESMINT,) Tj ETQq1 1 0,784314 rgBT /Overd	1.7	81
90	Imaging Classification and Treatment of Spontaneous Intracranial Fusiform and Dissecting Aneurysms. <i>World Neurosurgery</i> , 2017, 107, 1039.	1.3	0

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91	Timing of surgery for ruptured supratentorial arteriovenous malformations. <i>Acta Neurochirurgica</i> , 2017, 159, 2103-2112.	1.7	13
92	Simple Lateral Suboccipital Approach and Modification for Vertebral Artery Aneurysms: A Study of 52 Cases Over 10 Years. <i>World Neurosurgery</i> , 2017, 108, 336-346.	1.3	8
93	CTA analysis and assessment of morphological factors related to rupture in 413 posterior communicating artery aneurysms. <i>Acta Neurochirurgica</i> , 2017, 159, 1643-1652.	1.7	26
94	Easy, Efficient, and Mobile Way to Train Microsurgical Skills During Busy Life of Neurosurgical Residency in Resource-Challenged Environment. <i>World Neurosurgery</i> , 2017, 107, 358-361.	1.3	21
95	Comparison of all 19 published prognostic scores for intracerebral hemorrhage. <i>Journal of the Neurological Sciences</i> , 2017, 379, 103-108.	0.6	43
96	Flow Conditions in the Intracranial Aneurysm Lumen Are Associated with Inflammation and Degenerative Changes of the Aneurysm Wall. <i>American Journal of Neuroradiology</i> , 2017, 38, 119-126.	2.4	127
97	A5 segment aneurysm of the anterior cerebral artery, imbedded into the body of the corpus callosum: A case report. , 2017, 8, 18.		6
98	Treatment of intracerebellar haemorrhage: Poor outcome and high long-term mortality. , 2017, 8, 272.		8
99	Simple training tricks for mastering and taming bypass procedures in neurosurgery. , 2017, 8, 295.		9
100	Suboccipital osteoblastoma: Microsurgical resection of a rare entity. , 2017, 8, 33.		3
101	Health-related quality of life in patients treated for nonfunctioning pituitary adenomas during the years 2000-2010. <i>Clinical Endocrinology</i> , 2016, 84, 532-539.	2.4	16
102	Factors Determining Surgical Approaches to Basilar Bifurcation Aneurysms and Its Surgical Outcomes. <i>Neurosurgery</i> , 2016, 78, 181-191.	1.1	30
103	Posterior Cerebral Artery Aneurysms: Treatment and Outcome Analysis in 121 Patients. <i>World Neurosurgery</i> , 2016, 92, 521-532.	1.3	26
104	Perimesencephalic subarachnoid hemorrhage with a positive angiographic finding: case report and review of the literature. <i>Acta Neurochirurgica</i> , 2016, 158, 1045-1049.	1.7	6
105	Open Surgery for Recurrent Intracranial Aneurysms: Techniques and Long-Term Outcomes. <i>World Neurosurgery</i> , 2016, 96, 1-9.	1.3	12
106	Muscle Insertion Line as a Simple Landmark To Identify the Transverse Sinus When Neuronavigation Is Unavailable. <i>World Neurosurgery</i> , 2016, 94, 394-397.	1.3	7
107	Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	45
108	Presigmoid Approach to Vertebrobasilar Artery Aneurysms: A Series of 31 Patients and Review of the Literature. <i>World Neurosurgery</i> , 2016, 92, 313-322.	1.3	8

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109	Smooth Muscle Cell Foam Cell Formation, Apolipoproteins, and ABCA1 in Intracranial Aneurysms: Implications for Lipid Accumulation as a Promoter of Aneurysm Wall Rupture. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 689-699.	1.7	57
110	Contralateral Approach to Bilateral Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2015, 77, 916-926.	1.1	18
111	Medical Acute Complications of Intracerebral Hemorrhage in Young Adults. <i>Stroke Research and Treatment</i> , 2015, 2015, 1-7.	0.8	10
112	Should I Treat or Should I Not?. <i>World Neurosurgery</i> , 2015, 83, 1034-1035.	1.3	0
113	Incidence, risk factors, etiology, severity and short-term outcome of non-traumatic intracerebral hemorrhage in young adults. <i>European Journal of Neurology</i> , 2015, 22, 123-132.	3.3	52
114	Extent of Secondary Intraventricular Hemorrhage is an Independent Predictor of Outcomes in Intracerebral Hemorrhage: Data from the Helsinki ICH Study. <i>International Journal of Stroke</i> , 2015, 10, 576-581.	5.9	32
115	Normal long-term health-related quality of life can be achieved in patients with functional pituitary adenomas having surgery as primary treatment. <i>Clinical Endocrinology</i> , 2015, 82, 412-421.	2.4	20
116	Transition From Microscopic to Endoscopic Transsphenoidal Surgery for Nonfunctional Pituitary Adenomas. <i>World Neurosurgery</i> , 2015, 84, 48-57.	1.3	62
117	Experiences with TachoSil® in microneurosurgery. <i>Acta Neurochirurgica</i> , 2015, 157, 1353-1357.	1.7	19
118	Subarachnoid Hemorrhage: Brain Surgery or Rocket Science?. <i>World Neurosurgery</i> , 2015, 84, 634-635.	1.3	2
119	Transfusion Frequency of Red Blood Cells, Fresh Frozen Plasma, and Platelets During Ruptured Cerebral Aneurysm Surgery. <i>World Neurosurgery</i> , 2015, 84, 446-450.	1.3	15
120	Intracranial Vertebral Artery Aneurysms: Clinical Features and Outcome of 190 Patients. <i>World Neurosurgery</i> , 2015, 84, 380-389.	1.3	21
121	Long-Term Excess Mortality After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 1813-1818.	2.0	72
122	Transient Cardiac Arrest Induced by Adenosine: A Tool for Contralateral Clipping of Internal Carotid Artery-Ophthalmic Segment Aneurysms. <i>World Neurosurgery</i> , 2015, 84, 1933-1940.	1.3	20
123	Blood and the Brain. <i>World Neurosurgery</i> , 2015, 84, 228-230.	1.3	2
124	Quantifying unruptured giant intracranial aneurysms by measuring diameter and volume—a comparative analysis of 69 cases. <i>Acta Neurochirurgica</i> , 2015, 157, 361-368.	1.7	11
125	De novo giant A2 aneurysm following anterior communicating artery occlusion. , 2015, 6, 560.		3
126	Genome-Wide Association Study of Intracranial Aneurysm Identifies a New Association on Chromosome 7. <i>Stroke</i> , 2014, 45, 3194-3199.	2.0	52

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127	High Risk Population Isolate Reveals Low Frequency Variants Predisposing to Intracranial Aneurysms. PLoS Genetics, 2014, 10, e1004134.	3.5	55
128	Intraluminal Cell Transplantation Prevents Growth and Rupture in a Model of Rupture-Prone Saccular Aneurysms. Stroke, 2014, 45, 3684-3690.	2.0	26
129	Genetic risk load according to the site of intracranial aneurysms. Neurology, 2014, 83, 34-39.	1.1	28
130	Loss of Mural Cells Leads to Wall Degeneration, Aneurysm Growth, and Eventual Rupture in a Rat Aneurysm Model. Stroke, 2014, 45, 248-254.	2.0	76
131	Bypass surgery for complex middle cerebral artery aneurysms: impact of the exact location in the MCA tree. Journal of Neurosurgery, 2014, 120, 398-408.	1.6	66
132	Distal Posterior Inferior Cerebellar Artery Aneurysms: Clinical Features and Outcome of 80 Patients. World Neurosurgery, 2014, 82, 702-713.	1.3	61
133	Mast Cells, Neovascularization, and Microhemorrhages are Associated With Saccular Intracranial Artery Aneurysm Wall Remodeling. Journal of Neuropathology and Experimental Neurology, 2014, 73, 855-864.	1.7	62
134	Visualization of luminal thrombosis and mural Iron accumulation in giant aneurysms with Ex vivo 4.7T magnetic resonance imaging. , 2014, 5, 74.		4
135	Smoking and Cerebral Aneurysms—Potential Pathobiologic Mechanisms. World Neurosurgery, 2014, 82, e79-e80.	1.3	2
136	Traumatic deaths at hospital: analysis of preventability and lessons learned. European Journal of Trauma and Emergency Surgery, 2014, 40, 707-713.	1.7	2
137	Higher baseline international normalized ratio value correlates with higher mortality in intracerebral hemorrhage during warfarin use. European Journal of Neurology, 2014, 21, 616-622.	3.3	30
138	Focused opening of the sylvian fissure for microsurgical management of MCA aneurysms. Acta Neurochirurgica, 2014, 156, 17-25.	1.7	31
139	Predictors of Early Mortality in Young Adults After Intracerebral Hemorrhage. Stroke, 2014, 45, 2454-2456.	2.0	32
140	Response to an article entitled “Fellowship training in the United States and Europe”. World Neurosurgery, 2014, 82, e554-e555.	1.3	1
141	Anatomy and morphology of giant aneurysms—angiographic study of 125 consecutive cases. Acta Neurochirurgica, 2014, 156, 1-10.	1.7	32
142	On apples, oranges, and ARUBA. Acta Neurochirurgica, 2014, 156, 1775-1779.	1.7	46
143	Vertebral Artery-to-Vertebral Artery Bypass with Interposed Radial Artery or Occipital Artery Grafts: Surgical Technique and Report of Three Cases. World Neurosurgery, 2014, 81, 202.e1-202.e8.	1.3	27
144	Parents’ traumatic brain injury increases their children’s risk for use of psychiatric care: the 1987 Finnish Birth Cohort study. General Hospital Psychiatry, 2014, 36, 337-341.	2.4	13

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145	Seventy Aneurysms of the Posterior Inferior Cerebellar Artery: Anatomical Features and Value of Computed Tomography Angiography in Microneurosurgery. <i>World Neurosurgery</i> , 2014, 82, 1106-1112.	1.3	16
146	The Helsinki Rat Microsurgical Sidewall Aneurysm Model. <i>Journal of Visualized Experiments</i> , 2014, , e51071.	0.3	12
147	Acute Hydrocephalus After Subarachnoid Hemorrhage—Can It Be Caused by Water Vesicles of Choroid Plexuses?. <i>World Neurosurgery</i> , 2013, 80, 307-308.	1.3	21
148	Characteristics and long-term outcome of 251 patients with dural arteriovenous fistulas in a defined population. <i>Journal of Neurosurgery</i> , 2013, 118, 923-934.	1.6	82
149	Comparison of vascular growth factors in the murine brain reveals placenta growth factor as prime candidate for CNS revascularization. <i>Blood</i> , 2013, 122, 658-665.	1.4	30
150	Early and late re-operations after anterior cervical decompression and fusion during an 11-year follow-up. <i>Acta Neurochirurgica</i> , 2013, 155, 285-291.	1.7	14
151	Hemodynamic Changes Caused by the Occlusion of Dural Arteriovenous Fistula. <i>World Neurosurgery</i> , 2013, 80, e211-e212.	1.3	4
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