

# 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	The same sequence variant on 9p21 associates with myocardial infarction, abdominal aortic aneurysm and intracranial aneurysm. <i>Nature Genetics</i> , 2008, 40, 217-224.	21.4	668
2	Remodeling of Saccular Cerebral Artery Aneurysm Wall Is Associated With Rupture. <i>Stroke</i> , 2004, 35, 2287-2293.	2.0	629
3	NATURAL HISTORY OF BRAIN ARTERIOVENOUS MALFORMATIONS. <i>Neurosurgery</i> , 2008, 63, 823-831.	1.1	435
4	Saccular intracranial aneurysm: pathology and mechanisms. <i>Acta Neuropathologica</i> , 2012, 123, 773-786.	7.7	353
5	Natural History of Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2008, 62, 1402.	1.1	275
6	Genome-wide association study of intracranial aneurysm identifies three new risk loci. <i>Nature Genetics</i> , 2010, 42, 420-425.	21.4	262
7	SMASH-U. <i>Stroke</i> , 2012, 43, 2592-2597.	2.0	252
8	Susceptibility loci for intracranial aneurysm in European and Japanese populations. <i>Nature Genetics</i> , 2008, 40, 1472-1477.	21.4	247
9	Long-term Excess Mortality in 623 Patients with Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2008, 63, 244-255.	1.1	233
10	Microscope-integrated near-infrared indocyanine green videoangiography during surgery of intracranial aneurysms: the Helsinki experience. <i>World Neurosurgery</i> , 2009, 71, 543-550.	1.3	186
11	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
12	Inflammatory changes in the aneurysm wall: a review. <i>Journal of NeuroInterventional Surgery</i> , 2010, 2, 120-130.	3.3	147
13	COMPLEMENT ACTIVATION ASSOCIATES WITH SACCLARCEREBRAL ARTERY ANEURYSM WALL DEGENERATION AND RUPTURE. <i>Neurosurgery</i> , 2006, 59, 1069-1077.	1.1	145
14	Microneurosurgical management of anterior communicating artery aneurysms. <i>World Neurosurgery</i> , 2008, 70, 8-28.	1.3	145
15	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
16	Microneurosurgical management of middle cerebral artery bifurcation aneurysms. <i>World Neurosurgery</i> , 2007, 67, 441-456.	1.3	122
17	Microsurgical management of pineal region lesions: personal experience with 119 patients. <i>World Neurosurgery</i> , 2008, 70, 576-583.	1.3	120
18	Inflammatory changes in the aneurysm wall: a review. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, i58-i67.	3.3	120

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19	Gamma knife radiosurgery in 11 hemangioblastomas. <i>Journal of Neurosurgery</i> , 1996, 85, 591-596.	1.6	113
20	Upregulated Signaling Pathways in Ruptured Human Saccular Intracranial Aneurysm Wall: An Emerging Regulative Role of Toll-Like Receptor Signaling and Nuclear Factor- $\kappa$ B, Hypoxia-Inducible Factor-1A, and ETS Transcription Factors. <i>Neurosurgery</i> , 2011, 68, 1667-1676.	1.1	111
21	Some collected principles of microneurosurgery: simple and fast, while preserving normal anatomy. <i>World Neurosurgery</i> , 2005, 64, 195-200.	1.3	107
22	Common variant near the endothelin receptor type A ( <i>EDNRA</i> ) gene is associated with intracranial aneurysm risk. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19707-19712.	7.1	100
23	LATERAL SUPRAORBITAL APPROACH APPLIED TO OLFACTORY GROOVE MENINGIOMAS. <i>Neurosurgery</i> , 2009, 65, 39-53.	1.1	98
24	Intracranial Aneurysms in Finnish Families: Confirmation of Linkage and Refinement of the Interval to Chromosome 19q13.3. <i>American Journal of Human Genetics</i> , 2004, 74, 564-571.	6.2	96
25	A New, More Accurate Classification of Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2013, 73, 94-102.	1.1	95
26	DISTAL ANTERIOR CEREBRAL ARTERY ANEURYSMS. <i>Neurosurgery</i> , 2008, 62, 590-601.	1.1	93
27	Outcome of a Comprehensive Neurorehabilitation Program for Patients With Traumatic Brain Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, 2296-2302.	0.9	91
28	Risk of Hemorrhage in Patients With Untreated Spetzler-Martin Grade IV and V Arteriovenous Malformations: A Long-term Follow-up Study in 63 Patients. <i>Neurosurgery</i> , 2011, 68, 372-378.	1.1	90
29	Familial Intracranial Aneurysms. <i>Stroke</i> , 2003, 34, 1370-1374.	2.0	85
30	Microneurosurgical management of proximal anterior cerebral artery aneurysms. <i>World Neurosurgery</i> , 2007, 68, 366-377.	1.3	83
31	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
32	Risk of stroke in hospitalized SARS-CoV-2 infected patients: A multinational study. <i>EBioMedicine</i> , 2020, 59, 102939.	6.1	82
33	Microneurosurgical management of distal middle cerebral artery aneurysms. <i>World Neurosurgery</i> , 2007, 67, 553-563.	1.3	81
34	Principles of neuroanesthesia in aneurysmal subarachnoid hemorrhage: the Helsinki experience. <i>World Neurosurgery</i> , 2006, 66, 382-388.	1.3	80
35	Growth Factor Receptor Expression and Remodeling of Saccular Cerebral Artery Aneurysm Walls: Implications for Biological Therapy Preventing Rupture. <i>Neurosurgery</i> , 2006, 58, 534-541.	1.1	80
36	Microneurosurgical management of proximal middle cerebral artery aneurysms. <i>World Neurosurgery</i> , 2007, 67, 6-14.	1.3	77

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37	Loss of Mural Cells Leads to Wall Degeneration, Aneurysm Growth, and Eventual Rupture in a Rat Aneurysm Model. <i>Stroke</i> , 2014, 45, 248-254.	2.0	76
38	Long-Term Prognosis of Haemangioblastoma of the CNS: Impact of von Hippel-Lindau Disease. <i>Acta Neurochirurgica</i> , 1999, 141, 1147-1156.	1.7	75
39	Intraventricular cerebral cavernomas: a series of 12 patients and review of the literature. <i>Journal of Neurosurgery</i> , 2010, 112, 140-149.	1.6	73
40	Long-Term Excess Mortality After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 1813-1818.	2.0	72
41	Lipid accumulation, lipid oxidation, and low plasma levels of acquired antibodies against oxidized lipids associate with degeneration and rupture of the intracranial aneurysm wall. <i>Acta Neuropathologica Communications</i> , 2013, 1, 71.	5.2	70
42	Adenosine-induced cardiac arrest during intraoperative cerebral aneurysm rupture. <i>World Neurosurgery</i> , 2010, 73, 79-83.	1.3	67
43	Bypass surgery for complex middle cerebral artery aneurysms: impact of the exact location in the MCA tree. <i>Journal of Neurosurgery</i> , 2014, 120, 398-408.	1.6	66
44	Long-term outcome of 114 children with cerebral aneurysms. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 636-645.	1.3	65
45	A Novel Craniotomy Simulator Provides a Validated Method to Enhance Education in the Management of Traumatic Brain Injury. <i>Neurosurgery</i> , 2013, 73, S57-S65.	1.1	65
46	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
47	Mast Cells, Neovascularization, and Microhemorrhages are Associated With Saccular Intracranial Artery Aneurysm Wall Remodeling. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 855-864.	1.7	62
48	Transition From Microscopic to Endoscopic Transsphenoidal Surgery for Nonfunctional Pituitary Adenomas. <i>World Neurosurgery</i> , 2015, 84, 48-57.	1.3	62
49	Distal Posterior Inferior Cerebellar Artery Aneurysms: Clinical Features and Outcome of 80 Patients. <i>World Neurosurgery</i> , 2014, 82, 702-713.	1.3	61
50	European consensus conference on unruptured brain AVMs treatment (Supported by EANS, ESMINT,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 TF</i>	1.7	61
51	Dysphonia and dysphagia after anterior cervical decompression. <i>Journal of Neurosurgery: Spine</i> , 2007, 7, 124-130.	1.7	59
52	Lateral Supraorbital Approach Applied to Tuberculum Sellae Meningiomas. <i>Neurosurgery</i> , 2012, 70, 1504-1519.	1.1	59
53	Contribution of Mural and Bone Marrow-derived Neointimal Cells to Thrombus Organization and Wall Remodeling in a Microsurgical Murine Saccular Aneurysm Model. <i>Neurosurgery</i> , 2006, 58, 936-944.	1.1	58
54	Stem cell protein BMI-1 is an independent marker for poor prognosis in oligodendroglial tumours. <i>Neuropathology and Applied Neurobiology</i> , 2008, 34, 555-563.	3.2	57

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55	Microsurgical treatment of third ventricular colloid cysts by interhemispheric far lateral transcallosal approach—experience of 134 patients. <i>World Neurosurgery</i> , 2008, 69, 447-453.	1.3	57
56	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
57	Complement system becomes activated by the classical pathway in intracranial aneurysm walls. <i>Laboratory Investigation</i> , 2010, 90, 168-179.	3.7	56
58	The prevalence of children affected by parental cancer and their use of specialized psychiatric services: The 1987 Finnish Birth Cohort study. <i>International Journal of Cancer</i> , 2012, 131, 2117-2125.	5.1	56
59	ANATOMIC FEATURES OF DISTAL ANTERIOR CEREBRAL ARTERY ANEURYSMS. <i>Neurosurgery</i> , 2008, 63, 219-229.	1.1	55
60	High Risk Population Isolate Reveals Low Frequency Variants Predisposing to Intracranial Aneurysms. <i>PLoS Genetics</i> , 2014, 10, e1004134.	3.5	55
61	Genome-Wide Association Study of Intracranial Aneurysm Identifies a New Association on Chromosome 7. <i>Stroke</i> , 2014, 45, 3194-3199.	2.0	52
62	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
63	Water dissection technique of Toth for opening neurosurgical cleavage planes. <i>World Neurosurgery</i> , 2006, 65, 38-41.	1.3	51
64	SARS-CoV-2 and Stroke Characteristics. <i>Stroke</i> , 2021, 52, e117-e130.	2.0	51
65	Involvement of Mitogen-Activated Protein Kinase Signaling in Growth and Rupture of Human Intracranial Aneurysms. <i>Stroke</i> , 2008, 39, 886-892.	2.0	48
66	On apples, oranges, and ARUBA. <i>Acta Neurochirurgica</i> , 2014, 156, 1775-1779.	1.7	46
67	Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	45
68	The changing surgical management of juvenile nasopharyngeal angiofibroma. <i>European Archives of Oto-Rhino-Laryngology</i> , 2011, 268, 599-607.	1.6	43
69	De Novo and Recurrent Aneurysms in Pediatric Patients With Cerebral Aneurysms. <i>Stroke</i> , 2013, 44, 1436-1439.	2.0	43
70	Comparison of all 19 published prognostic scores for intracerebral hemorrhage. <i>Journal of the Neurological Sciences</i> , 2017, 379, 103-108.	0.6	43
71	Microsurgery for Previously Coiled Aneurysms: Experience With 81 Patients. <i>Neurosurgery</i> , 2011, 68, 140-154.	1.1	41
72	A Proposed Grading System of Brain and Spinal Cavernomas. <i>Neurosurgery</i> , 2011, 69, 807-814.	1.1	40

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73	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
74	Microneurosurgical management of aneurysms at the A2 segment of anterior cerebral artery (proximal pericallosal artery) and its frontobasal branches. <i>World Neurosurgery</i> , 2008, 70, 232-246.	1.3	38
75	Microneurosurgical management of internal carotid artery bifurcation aneurysms. <i>World Neurosurgery</i> , 2009, 71, 649-667.	1.3	38
76	Outcome after microsurgery in 14 patients with spinal cavernomas and review of the literature. <i>Journal of Neurosurgery: Spine</i> , 2010, 13, 524-534.	1.7	38
77	Oxidative Stress Is Associated With Cell Death, Wall Degradation, and Increased Risk of Rupture of the Intracranial Aneurysm Wall. <i>Neurosurgery</i> , 2013, 72, 109-117.	1.1	38
78	Recurrence of endovascularly and microsurgically treated intracranial aneurysms—review of the putative role of aneurysm wall biology. <i>Neurosurgical Review</i> , 2019, 42, 49-58.	2.4	38
79	Comparison of Operating Microscope and Exoscope in a Highly Challenging Experimental Setting. <i>World Neurosurgery</i> , 2021, 147, e468-e475.	1.3	38
80	LONG-TERM OUTCOME OF PATIENTS WITH MULTIPLE CEREBRAL CAVERNOUS MALFORMATIONS. <i>Neurosurgery</i> , 2009, 65, 450-455.	1.1	37
81	Microneurosurgical Management of Anterior Choroid Artery Aneurysms. <i>World Neurosurgery</i> , 2010, 73, 486-499.	1.3	36
82	Distal Anterior Cerebral Artery Aneurysms. <i>Acta Neurochirurgica Supplementum</i> , 2010, 107, 15-26.	1.0	34
83	Lack of Complement Inhibitors in the Outer Intracranial Artery Aneurysm Wall Associates with Complement Terminal Pathway Activation. <i>American Journal of Pathology</i> , 2010, 177, 3224-3232.	3.8	33
84	Microsurgical treatment of temporal lobe cavernomas. <i>Acta Neurochirurgica</i> , 2011, 153, 261-270.	1.7	32
85	Treatment strategies in cavernomas of the brain and spine. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 491-497.	1.5	32
86	Predictors of Early Mortality in Young Adults After Intracerebral Hemorrhage. <i>Stroke</i> , 2014, 45, 2454-2456.	2.0	32
87	Anatomy and morphology of giant aneurysms—angiographic study of 125 consecutive cases. <i>Acta Neurochirurgica</i> , 2014, 156, 1-10.	1.7	32
88	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
89	NO LONG-TERM EXCESS MORTALITY IN 280 PATIENTS WITH RUPTURED DISTAL ANTERIOR CEREBRAL ARTERY ANEURYSMS. <i>Neurosurgery</i> , 2007, 60, 235-241.	1.1	31
90	Microneurosurgical management of aneurysms at A3 segment of anterior cerebral artery. <i>World Neurosurgery</i> , 2008, 70, 135-151.	1.3	31

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91	Present State of Microneurosurgery of Cerebral Arteriovenous Malformations. <i>Acta Neurochirurgica Supplementum</i> , 2010, 107, 71-76.	1.0	31
92	Focused opening of the sylvian fissure for microsurgical management of MCA aneurysms. <i>Acta Neurochirurgica</i> , 2014, 156, 17-25.	1.7	31
93	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
94	Higher baseline international normalized ratio value correlates with higher mortality in intracerebral hemorrhage during warfarin use. <i>European Journal of Neurology</i> , 2014, 21, 616-622.	3.3	30
95	Factors Determining Surgical Approaches to Basilar Bifurcation Aneurysms and Its Surgical Outcomes. <i>Neurosurgery</i> , 2016, 78, 181-191.	1.1	30
96	Competency-based training in neurosurgery: the next revolution in medical education. <i>World Neurosurgery</i> , 2004, 61, 5-14.	1.3	29
97	Long-term Excess Mortality in Pediatric Patients With Cerebral Aneurysms. <i>Stroke</i> , 2012, 43, 2091-2096.	2.0	29
98	Characteristics of cavernomas of the brain and spine. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 643-648.	1.5	29
99	Pilot Evaluation of the Impact of Structured Child-Centered Interventions on Psychiatric Symptom Profile of Parents with Serious Somatic Illness: Struggle for Life Trial. <i>Journal of Psychosocial Oncology</i> , 2012, 30, 316-330.	1.2	28
100	Intracellular Signaling Pathways and Size, Shape, and Rupture History of Human Intracranial Aneurysms. <i>Neurosurgery</i> , 2012, 70, 1565-1573.	1.1	28
101	Genetic risk load according to the site of intracranial aneurysms. <i>Neurology</i> , 2014, 83, 34-39.	1.1	28
102	Natural History of Arteriovenous Malformations: Presentation, Risk of Hemorrhage and Mortality. <i>Acta Neurochirurgica Supplementum</i> , 2010, 107, 65-69.	1.0	28
103	Analysis of p53 tumor suppressor gene in families with multiple glioma patients. <i>Journal of Neuro-Oncology</i> , 2001, 55, 159-165.	2.9	27
104	Application of Microscope Integrated Indocyanine Green Video-Angiography During Microneurosurgical Treatment of Intracranial Aneurysms: A Review. <i>Acta Neurochirurgica Supplementum</i> , 2010, 107, 107-109.	1.0	27
105	Vertebral Artery-to-Vertebral Artery Bypass with Interposed Radial Artery or Occipital Artery Grafts: Surgical Technique and Report of Three Cases. <i>World Neurosurgery</i> , 2014, 81, 202.e1-202.e8.	1.3	27
106	Association of Kallikrein Gene Polymorphisms With Intracranial Aneurysms. <i>Stroke</i> , 2007, 38, 2670-2676.	2.0	26
107	Ectopic recurrence of craniopharyngioma along the surgical route: case report and literature review. <i>Acta Neurochirurgica</i> , 2010, 152, 297-302.	1.7	26
108	Intraluminal Cell Transplantation Prevents Growth and Rupture in a Model of Rupture-Prone Saccular Aneurysms. <i>Stroke</i> , 2014, 45, 3684-3690.	2.0	26

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109	Posterior Cerebral Artery Aneurysms: Treatment and Outcome Analysis in 121 Patients. <i>World Neurosurgery</i> , 2016, 92, 521-532.	1.3	26
110	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
111	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
112	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
113	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
114	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
115	Vascular Macrophages as Therapeutic Targets to Treat Intracranial Aneurysms. <i>Frontiers in Immunology</i> , 2021, 12, 630381.	4.8	25
116	Early and long-term excess mortality in 227 patients with intracranial dural arteriovenous fistulas. <i>Journal of Neurosurgery</i> , 2013, 119, 164-171.	1.6	24
117	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
118	Intracranial Aneurysm Risk Locus 5q23.2 Is Associated with Elevated Systolic Blood Pressure. <i>PLoS Genetics</i> , 2012, 8, e1002563.	3.5	23
119	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
120	The Experiences of Mental Health Professionals Using Structured Family-Centered Interventions to Support Children of Cancer Patients. <i>Cancer Nursing</i> , 2010, 33, E18-E27.	1.5	21
121	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
122	Management of Aneurysms at the Origin of Duplicated Middle Cerebral Artery: Series of Four Patients with Review of the Literature. <i>World Neurosurgery</i> , 2013, 80, e313-e318.	1.3	21
123	Intracranial Vertebral Artery Aneurysms: Clinical Features and Outcome of 190 Patients. <i>World Neurosurgery</i> , 2015, 84, 380-389.	1.3	21
124	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
125	Principles of microneurosurgery for safe and fast surgery. <i>Surgical Technology International</i> , 2006, 15, 305-10.	0.2	21
126	Loss of Heterozygosity at 6q Is Frequent and Concurrent with 3p Loss in Sporadic and Familial Capillary Hemangioblastomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 1072-1079.	1.7	20



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127	Mice with a deletion in the first intron of the Col1a1 gene develop dissection and rupture of aorta in the absence of aneurysms: High-resolution magnetic resonance imaging, at 4.7 T, of the aorta and cerebral arteries. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 592-597.	3.0	20
128	Microneurosurgical management of aneurysms at A4 and A5 segments and distal cortical branches of anterior cerebral artery. <i>World Neurosurgery</i> , 2008, 70, 352-367.	1.3	20
129	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
130	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
131	Comparison of Conventional Microscopic and Exoscopic Experimental Bypass Anastomosis: A Technical Analysis. <i>World Neurosurgery</i> , 2020, 135, e293-e299.	1.3	20
132	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
133	Recurrent DNA sequence copy losses on chromosomal arm 6q in capillary hemangioblastoma. <i>Cancer Genetics and Cytogenetics</i> , 2002, 133, 174-178.	1.0	19
134	THIRD VENTRICULOSTOMY THROUGH THE FENESTRATED LAMINA TERMINALIS DURING MICRONEUROSURGICAL CLIPPING OF INTRACRANIAL ANEURYSMS. <i>Neurosurgery</i> , 2009, 64, 430-435.	1.1	19
135	Microscope Integrated Indocyanine Green Video-Angiography in Cerebrovascular Surgery. <i>Acta Neurochirurgica Supplementum</i> , 2011, 109, 247-250.	1.0	19
136	Experiences with TachoSil® in microneurosurgery. <i>Acta Neurochirurgica</i> , 2015, 157, 1353-1357.	1.7	19
137	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
138	Hemodynamics in aneurysm blebs with different wall characteristics. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 642-646.	3.3	19
139	Early microsurgical treatment for spinal hemangioblastomas improves outcome in patients with von Hippel-Lindau disease. , 2012, 3, 6.		18
140	Long-term visual outcome after microsurgical removal of occipital lobe cavernomas. <i>Journal of Neurosurgery</i> , 2012, 117, 295-301.	1.6	18
141	Contralateral Approach to Bilateral Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2015, 77, 916-926.	1.1	18
142	Detection of unruptured cerebral artery aneurysms by MRA at 3.0 tesla: comparison with multislice helical computed tomographic angiography. <i>Acta Radiologica</i> , 2011, 52, 670-674.	1.1	17
143	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
144	Management of oculomotor nerve schwannoma: Systematic review of literature and illustrative case. , 2019, 10, 40.		17

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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	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
147	Microsurgical dissection of Sylvian fissure—short technical videos of third generation cerebrovascular neurosurgeons. <i>Acta Neurochirurgica</i> , 2019, 161, 1743-1746.	1.7	16
148	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
149	Blebs in intracranial aneurysms: prevalence and general characteristics. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 226-230.	3.3	16
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