

Juha Hernesniemi

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

10,324
citations

28274

55
h-index

37204

96
g-index

195
all docs

195
docs citations

195
times ranked

7173
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical treatment of symptomatic pineal cysts without hydrocephalus”meta-analysis of the published literature. Acta Neurochirurgica, 2022, 164, 61-77.	1.7	10
2	Shedding the Light on the Natural History of Intracranial Aneurysms: An Updated Overview. Medicina (Lithuania), 2021, 57, 742.	2.0	12
3	Microsurgical Clipping of Carotid-Ophthalmic Tandem Aneurysms: Case Report and Surgical Nuances. Medicina (Lithuania), 2021, 57, 731.	2.0	6
4	Systematic review of pineal cysts surgery in pediatric patients. Child's Nervous System, 2020, 36, 2927-2938.	1.1	13
5	Long-term survival outcomes of pineal region gliomas. Journal of Neuro-Oncology, 2020, 148, 651-658.	2.9	7
6	Midline and Paramedian Supracerebellar Infratentorial Approach to The Pineal Region: A Comparative Clinical Study in 112 Patients. World Neurosurgery, 2020, 137, e194-e207.	1.3	15
7	Are Fetal-Type Posterior Cerebral Arteries Associated With an Increased Risk of Posterior Communicating Artery Aneurysms?. Neurosurgery, 2019, 84, 1306-1312.	1.1	19
8	In response to: “Temperature monitoring with zero-heat-flux technology in neurosurgical patients” Journal of Clinical Monitoring and Computing, 2019, 33, 931-932.	1.6	0
9	The focus of temperature monitoring with zero-heat-flux technology (3M Bair-Hugger): a clinical study with patients undergoing craniotomy. Journal of Clinical Monitoring and Computing, 2019, 33, 917-923.	1.6	28
10	Recurrence of endovascularly and microsurgically treated intracranial aneurysms”review of the putative role of aneurysm wall biology. Neurosurgical Review, 2019, 42, 49-58.	2.4	38
11	The microsurgical management of benign pineal cysts: Helsinki experience in 60 cases. , 2019, 10, 103.		13
12	Modified pure endoscopic approach (MAPEnd) in neurosurgery. , 2019, 10, 4.		3
13	Praying Sitting Position for Pineal Region Surgery: An Efficient Variant of a Classic Position in Neurosurgery. World Neurosurgery, 2018, 113, e604-e611.	1.3	27
14	Virtual Reality Glasses and “Eye-Hands Blind Technique”for Microsurgical Training in Neurosurgery. World Neurosurgery, 2018, 112, 126-130.	1.3	30
15	Myeloperoxidase Associates With Degenerative Remodeling and Rupture of the Saccular Intracranial Aneurysm Wall. Journal of Neuropathology and Experimental Neurology, 2018, 77, 461-468.	1.7	26
16	Adenosine-induced cardiac arrest as an alternative to temporary clipping during intracranial aneurysm surgery. Journal of Neurosurgery, 2018, 129, 684-690.	1.6	19
17	Surgical Outcome of Very Small Intracranial Aneurysms Utilizing the Double Clip Technique. World Neurosurgery, 2018, 110, e605-e611.	1.3	7
18	Molecular alterations in pediatric brainstem gliomas. Pediatric Blood and Cancer, 2018, 65, e26751.	1.5	12

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19	Inflammatory changes in the aneurysm wall: a review. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, i58-i67.	3.3	120
20	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
21	Modified Pure Endoscopic Approach to Pineal Region: Proof of Concept of Efficient and Inexpensive Surgical Model Based on Laboratory Dissections. <i>World Neurosurgery</i> , 2018, 117, 195-198.	1.3	6
22	Microsurgical Management of Vascular Malformations of the Pineal Region. <i>World Neurosurgery</i> , 2018, 117, e669-e678.	1.3	10
23	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
24	Venous air embolisms and sitting position in Helsinki pineal region surgery. , 2018, 9, 160.		14
25	Should we still consider clips for basilar apex aneurysms? A critical appraisal of the literature. , 2018, 9, 44.		25
26	Developing the First Highly Specialized Neurosurgical Center of Excellence in Trujillo, Peru: Work in Progress—Results of the First Four Months. <i>World Neurosurgery</i> , 2017, 102, 334-339.	1.3	15
27	Microneurosurgical Management of Posterior Communicating Artery Aneurysm: A Contemporary Series from Helsinki. <i>World Neurosurgery</i> , 2017, 101, 379-388.	1.3	12
28	“Dirty coagulation” technique as an alternative to microclips for control of bleeding from deep feeders during brain arteriovenous malformation surgery. <i>Acta Neurochirurgica</i> , 2017, 159, 855-859.	1.7	6
29	Anatomic Features of Paraclinoid Aneurysms: Computed Tomography Angiography Study of 144 Aneurysms in 136 Consecutive Patients. <i>Neurosurgery</i> , 2017, 81, 949-957.	1.1	6
30	Clipping Versus Coiling in Anterior Circulation Ruptured Intracranial Aneurysms: A Meta-Analysis. <i>World Neurosurgery</i> , 2017, 104, 482-488.	1.3	19
31	Supracerebellar Infratentorial Paramedian Approach in Helsinki Neurosurgery: Cornerstones of a Safe and Effective Route to the Pineal Region. <i>World Neurosurgery</i> , 2017, 105, 534-542.	1.3	24
32	“Squeeze Maneuver” Assisted by Indocyanine Green Videoangiography: Simple Technique to Resuscitate Partially Occluded Bridging Veins During Microneurosurgical Operations. <i>World Neurosurgery</i> , 2017, 97, 225-230.	1.3	9
33	Timing of surgery for ruptured supratentorial arteriovenous malformations. <i>Acta Neurochirurgica</i> , 2017, 159, 2103-2112.	1.7	13
34	Moyamoya Disease in an 8-Year-Old Boy: Direct Bypass Surgery in a Province of Peru. <i>World Neurosurgery</i> , 2017, 108, 50-53.	1.3	2
35	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
36	Prone Versus Sitting Position in Neurosurgery—Differences in Patients' Hemodynamic Management. <i>World Neurosurgery</i> , 2017, 97, 261-266.	1.3	23

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37	Seven Cerebral Aneurysms: A Challenging Case from the Andean Slopes Managed with 1-Stage Surgery. <i>World Neurosurgery</i> , 2017, 97, 565-570.	1.3	16
38	Moyamoya vasculopathy – Patient demographics and characteristics in the Finnish population. <i>International Journal of Stroke</i> , 2017, 12, 90-95.	5.9	15
39	A5 segment aneurysm of the anterior cerebral artery, imbedded into the body of the corpus callosum: A case report. , 2017, 8, 18.		6
40	The open access video collection project –Hernesniemi's 1001 and more microsurgical videos of Neurosurgery – A legacy for educational purposes. , 2017, 8, 188.		17
41	Three distal anterior cerebral artery aneurysms in the same branch associated with five additional intracranial aneurysms. , 2017, 8, 62.		6
42	Nontraumatic, posterior circulation pseudoaneurysm of the basilar artery summit with complete spontaneous resolution: Case Report and literature review. , 2017, 8, 296.		0
43	Intracerebral Hemorrhage as a Surgical Challenge – Where Should We Focus?. <i>World Neurosurgery</i> , 2016, 91, 638-639.	1.3	2
44	Modified Rankin Scale and Short-Term Outcome in Cranial Neurosurgery: A Prospective and Unselected Cohort Study. <i>World Neurosurgery</i> , 2016, 91, 567-573.e7.	1.3	24
45	Long-Term Causes of Death and Excess Mortality After Carotid Artery Ligation. <i>World Neurosurgery</i> , 2016, 90, 116-122.	1.3	7
46	Open Surgery for Recurrent Intracranial Aneurysms: Techniques and Long-Term Outcomes. <i>World Neurosurgery</i> , 2016, 96, 1-9.	1.3	12
47	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
48	Risk of Shunting After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2016, 47, 2488-2496.	2.0	67
49	Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	45
50	Short-Burst Bipolar Coagulation for Repairing Partially Damaged Brain Arteries Preserving Their Flow: Technical Note. <i>World Neurosurgery</i> , 2016, 93, 324-329.	1.3	11
51	Delayed Migration of Fractured K-wire Causing Vertebral Artery Invagination After Anterior Atlantoaxial Fixation: A Case Report. <i>World Neurosurgery</i> , 2016, 88, 695.e5-695.e10.	1.3	5
52	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
53	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
54	Retrograde Suction Decompression for Clip Occlusion of Internal Carotid Artery Communicating Segment Aneurysms. <i>World Neurosurgery</i> , 2016, 89, 19-25.	1.3	10

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55	Total temporary occlusion of blood flow for several hours to treat a giant deep arteriovenous malformation: A series of multiple operations to save a young life. , 2016, 7, 79.		1
56	Should I Treat or Should I Not?. World Neurosurgery, 2015, 83, 1034-1035.	1.3	0
57	Aneurysmal Subarachnoid Hemorrhage Grading Scales: Something Old, Something Borrowed, Something New, and Silver Sixpence in Our Shoes!. World Neurosurgery, 2015, 83, 1037-1038.	1.3	4
58	Patient-Reported Outcomes in Elective Cranial Neurosurgery. World Neurosurgery, 2015, 84, 1845-1851.	1.3	12
59	Neuro-Ophthalmic Presentation and Surgical Results of Unruptured Intracranial Aneurysms—Prospective Helsinki Experience of 142 Patients. World Neurosurgery, 2015, 83, 614-619.	1.3	8
60	Transition From Microscopic to Endoscopic Transsphenoidal Surgery for Nonfunctional Pituitary Adenomas. World Neurosurgery, 2015, 84, 48-57.	1.3	62
61	Preoperative identification of neurosurgery patients with a high risk of in-hospital complications: a prospective cohort of 418 consecutive elective craniotomy patients. Journal of Neurosurgery, 2015, 123, 594-604.	1.6	55
62	The Surgical Management of Previously Coiled Cerebral Aneurysms. World Neurosurgery, 2015, 83, 481-482.	1.3	1
63	Transfusion Frequency of Red Blood Cells, Fresh Frozen Plasma, and Platelets During Ruptured Cerebral Aneurysm Surgery. World Neurosurgery, 2015, 84, 446-450.	1.3	15
64	Intracranial Vertebral Artery Aneurysms: Clinical Features and Outcome of 190 Patients. World Neurosurgery, 2015, 84, 380-389.	1.3	21
65	Long-Term Excess Mortality After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2015, 46, 1813-1818.	2.0	72
66	Eye Movement Abnormalities After a Ruptured Intracranial Aneurysm. World Neurosurgery, 2015, 83, 362-367.	1.3	8
67	Lateral supraorbital approach to ipsilateral PCA-P1 and ICA-PCoA aneurysms. , 2015, 6, 91.		8
68	De novo giant A2 aneurysm following anterior communicating artery occlusion. , 2015, 6, 560.		3
69	Genome-Wide Association Study of Intracranial Aneurysm Identifies a New Association on Chromosome 7. Stroke, 2014, 45, 3194-3199.	2.0	52
70	High Risk Population Isolate Reveals Low Frequency Variants Predisposing to Intracranial Aneurysms. PLoS Genetics, 2014, 10, e1004134.	3.5	55
71	Intraluminal Cell Transplantation Prevents Growth and Rupture in a Model of Rupture-Prone Saccular Aneurysms. Stroke, 2014, 45, 3684-3690.	2.0	26
72	Genetic risk load according to the site of intracranial aneurysms. Neurology, 2014, 83, 34-39.	1.1	28

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73	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
74	An Illustration Is Worth a Thousand Words. <i>World Neurosurgery</i> , 2014, 82, 1043-1044.	1.3	2
75	Approaches to Upper Basilar Artery Aneurysms. <i>World Neurosurgery</i> , 2014, 82, 1001-1002.	1.3	3
76	Intraoperative Assessment of a Quality of Microneurosurgical Clipping: Role of Indocyanine Green Videoangiography. <i>World Neurosurgery</i> , 2014, 82, e589-e590.	1.3	10
77	Rotational Vertebral Artery Compression Syndrome: Bow Hunter's Stroke. <i>World Neurosurgery</i> , 2014, 82, 595-596.	1.3	7
78	Distal Posterior Inferior Cerebellar Artery Aneurysms: Clinical Features and Outcome of 80 Patients. <i>World Neurosurgery</i> , 2014, 82, 702-713.	1.3	61
79	Hypertension predisposes to the formation of saccular intracranial aneurysms in 467 unruptured and 1053 ruptured patients in Eastern Finland. <i>Annals of Medicine</i> , 2014, 46, 169-176.	3.8	60
80	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
81	Characteristics of Posterior Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2014, 75, 134-144.	1.1	36
82	Focused opening of the sylvian fissure for microsurgical management of MCA aneurysms. <i>Acta Neurochirurgica</i> , 2014, 156, 17-25.	1.7	31
83	Response to an article entitled "Fellowship training in the United States and Europe". <i>World Neurosurgery</i> , 2014, 82, e554-e555.	1.3	1
84	Is cerebrovascular neurosurgery sacrificed on the altar of RCTs?. <i>Lancet, The</i> , 2014, 384, 27-28.	13.7	21
85	Visual field findings after a ruptured intracranial aneurysm. <i>Acta Neurochirurgica</i> , 2014, 156, 1273-1279.	1.7	2
86	Outcome of decompressive craniectomy in comparison to nonsurgical treatment in patients with malignant MCA infarction. <i>SpringerPlus</i> , 2014, 3, 115.	1.2	20
87	Tiny But Significant: Perforators in Aneurysm Surgery. <i>World Neurosurgery</i> , 2014, 82, 591-592.	1.3	3
88	At the Apex of Cerebrovascular Surgery—Basilar Tip Aneurysms. <i>World Neurosurgery</i> , 2014, 82, 37-39.	1.3	14
89	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
90	The Helsinki Rat Microsurgical Sidewall Aneurysm Model. <i>Journal of Visualized Experiments</i> , 2014, , e51071.	0.3	12

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91	Type 2 Diabetes and Risk of Rupture of Saccular Intracranial Aneurysm in Eastern Finland. <i>Diabetes Care</i> , 2013, 36, 2020-2026.	8.6	45
92	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
93	A New, More Accurate Classification of Middle Cerebral Artery Aneurysms. <i>Neurosurgery</i> , 2013, 73, 94-102.	1.1	95
94	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
95	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
96	Intracranial Aneurysm Risk Locus 5q23.2 Is Associated with Elevated Systolic Blood Pressure. <i>PLoS Genetics</i> , 2012, 8, e1002563.	3.5	23
97	Long-term outcome of 114 children with cerebral aneurysms. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 636-645.	1.3	65
98	Increased Relative Risk of Lung Cancer in 2,904 Patients with Saccular Intracranial Aneurysm Disease in Eastern Finland. <i>Neuroepidemiology</i> , 2012, 38, 93-99.	2.3	5
99	Intracellular Signaling Pathways and Size, Shape, and Rupture History of Human Intracranial Aneurysms. <i>Neurosurgery</i> , 2012, 70, 1565-1573.	1.1	28
100	Lateral Supraorbital Approach Applied to Tuberculum Sellae Meningiomas. <i>Neurosurgery</i> , 2012, 70, 1504-1519.	1.1	59
101	Risk Factors for Three Phases of 12-Month Mortality in 1657 Patients from a Defined Population After Acute Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2012, 78, 631-639.	1.3	59
102	Surgical Management of Aneurysms of the Middle Cerebral Artery. , 2012, , 897-913.		4
103	Saccular intracranial aneurysm: pathology and mechanisms. <i>Acta Neuropathologica</i> , 2012, 123, 773-786.	7.7	353
104	Delayed Vasospasm in Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2012, 77, 39-41.	1.3	1
105	Tailored Anterior Craniotomy Through the Lateral Supraorbital Approach: Experience with 82 Consecutive Patients. <i>World Neurosurgery</i> , 2012, 77, 512-517.	1.3	24
106	Microsurgery for Previously Coiled Aneurysms: Experience With 81 Patients. <i>Neurosurgery</i> , 2011, 68, 140-154.	1.1	41
107	Lateral Supraorbital Approach Applied to Anterior Clinoidal Meningiomas: Experience With 73 Consecutive Patients. <i>Neurosurgery</i> , 2011, 68, 1632-1647.	1.1	56
108	Upregulated Signaling Pathways in Ruptured Human Saccular Intracranial Aneurysm Wall: An Emerging Regulative Role of Toll-Like Receptor Signaling and Nuclear Factor- κ B, Hypoxia-Inducible Factor-1A, and ETS Transcription Factors. <i>Neurosurgery</i> , 2011, 68, 1667-1676.	1.1	111

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109	Isolation, culture, and characterization of smooth muscle cells from human intracranial aneurysms. <i>Acta Neurochirurgica</i> , 2011, 153, 311-318.	1.7	12
110	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
111	Slack brain in meningioma surgery through lateral supraorbital approach. , 2011, 2, 167.		12
112	Microsurgical and Angiographic Anatomy of Middle Cerebral Artery Aneurysm. <i>Neurosurgery</i> , 2010, 66, E1030.	1.1	3
113	Saccular Intracranial Aneurysm Disease. <i>Neurosurgery</i> , 2010, 66, 631-638.	1.1	94
114	Distal Anterior Cerebral Artery Aneurysms. <i>Acta Neurochirurgica Supplementum</i> , 2010, 107, 15-26.	1.0	34
115	The impact of endovascular management on the outcome of aneurysmal subarachnoid hemorrhage in the elderly in Eastern Finland. <i>Acta Neurochirurgica</i> , 2010, 152, 1493-1502.	1.7	38
116	Microneurosurgical Management of Anterior Choroid Artery Aneurysms. <i>World Neurosurgery</i> , 2010, 73, 486-499.	1.3	36
117	Erythropoietin and Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2010, 73, 461-462.	1.3	0
118	Clipping of a Ruptured Aneurysm with Clot Removal in One Session: Still Gold Standard of Treatment. <i>World Neurosurgery</i> , 2010, 74, 579-580.	1.3	6
119	Complement system becomes activated by the classical pathway in intracranial aneurysm walls. <i>Laboratory Investigation</i> , 2010, 90, 168-179.	3.7	56
120	Genome-wide association study of intracranial aneurysm identifies three new risk loci. <i>Nature Genetics</i> , 2010, 42, 420-425.	21.4	262
121	Present State of Microneurosurgery of Cerebral Arteriovenous Malformations. <i>Acta Neurochirurgica Supplementum</i> , 2010, 107, 71-76.	1.0	31
122	Inflammatory changes in the aneurysm wall: a review. <i>Journal of NeuroInterventional Surgery</i> , 2010, 2, 120-130.	3.3	147
123	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
124	Microsurgical Principles for Anterior Circulation Aneurysms. <i>Acta Neurochirurgica Supplementum</i> , 2010, 107, 3-7.	1.0	9
125	Skull base and aneurysm surgery. <i>World Neurosurgery</i> , 2009, 71, 30-31.	1.3	10
126	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

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127	Microneurosurgical management of internal carotid artery bifurcation aneurysms. <i>World Neurosurgery</i> , 2009, 71, 649-667.	1.3	38
128	LATERAL SUPRAORBITAL APPROACH APPLIED TO OLFACTORY GROOVE MENINGIOMAS. <i>Neurosurgery</i> , 2009, 65, 39-53.	1.1	98
129	Susceptibility loci for intracranial aneurysm in European and Japanese populations. <i>Nature Genetics</i> , 2008, 40, 1472-1477.	21.4	247
130	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
131	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
132	Microneurosurgical management of anterior communicating artery aneurysms. <i>World Neurosurgery</i> , 2008, 70, 8-28.	1.3	145
133	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
134	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
135	Microneurosurgical management of aneurysms at A3 segment of anterior cerebral artery. <i>World Neurosurgery</i> , 2008, 70, 135-151.	1.3	31
136	Microsurgical management of pineal region lesions: personal experience with 119 patients. <i>World Neurosurgery</i> , 2008, 70, 576-583.	1.3	120
137	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
138	Historical landmarks in vascular Neurosurgery — On July 10th 2006, at the 70th Anniversary of the Department of Neurosurgery of Zürich Medical School. <i>Acta Neurochirurgica Supplementum</i> , 2008, 103, 131-137.	1.0	5
139	MR Imaging of the Brain 1 Year after Aneurysmal Subarachnoid Hemorrhage: Randomized Study Comparing Surgical with Endovascular Treatment. <i>Radiology</i> , 2008, 246, 543-552.	7.3	33
140	Blood blister-like aneurysms of the internal carotid artery trunk causing subarachnoid hemorrhage: treatment and outcome. <i>Journal of Neurosurgery</i> , 2008, 108, 662-671.	1.6	214
141	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
142	Microneurosurgical management of proximal middle cerebral artery aneurysms. <i>World Neurosurgery</i> , 2007, 67, 6-14.	1.3	77
143	Microneurosurgical management of middle cerebral artery bifurcation aneurysms. <i>World Neurosurgery</i> , 2007, 67, 441-456.	1.3	122
144	Microneurosurgical management of distal middle cerebral artery aneurysms. <i>World Neurosurgery</i> , 2007, 67, 553-563.	1.3	81

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145	Microneurosurgical management of proximal anterior cerebral artery aneurysms. World Neurosurgery, 2007, 68, 366-377.	1.3	83
146	Water dissection technique of Toth for opening neurosurgical cleavage planes. World Neurosurgery, 2006, 65, 38-41.	1.3	51
147	Principles of neuroanesthesia in aneurysmal subarachnoid hemorrhage: the Helsinki experience. World Neurosurgery, 2006, 66, 382-388.	1.3	80
148	Matrix Metalloproteinase -2 and -9 Expression in the Wall of Saccular Cerebral Artery Aneurysm. Neurosurgery, 2006, 58, 413.	1.1	2
149	COMPLEMENT ACTIVATION ASSOCIATES WITH SACCLARCEREBRAL ARTERY ANEURYSM WALL DEGENERATION AND RUPTURE. Neurosurgery, 2006, 59, 1069-1077.	1.1	145
150	Growth Factor Receptor Expression and Remodeling of Saccular Cerebral Artery Aneurysm Walls: Implications for Biological Therapy Preventing Rupture. Neurosurgery, 2006, 58, 534-541.	1.1	80
151	Contribution of Mural and Bone Marrow-derived Neointimal Cells to Thrombus Organization and Wall Remodeling in a Microsurgical Murine Saccular Aneurysm Model. Neurosurgery, 2006, 58, 936-944.	1.1	58
152	Principles of microneurosurgery for safe and fast surgery. Surgical Technology International, 2006, 15, 305-10.	0.2	21
153	Surgical Technique to Retract the Tentorial Edge during Subtemporal Approach: Technical Note. Operative Neurosurgery, 2005, 57, ONS-E408-ONS-E408.	0.8	12
154	Some collected principles of microneurosurgery: simple and fast, while preserving normal anatomy. World Neurosurgery, 2005, 64, 195-200.	1.3	107
155	Remodeling of Saccular Cerebral Artery Aneurysm Wall Is Associated With Rupture. Stroke, 2004, 35, 2287-2293.	2.0	629
156	Comments on 'The impact of the International Subarachnoid Aneurysm Treatment Trial (ISAT) on neurosurgical practice?'. Acta Neurochirurgica, 2004, 146, 203-208.	1.7	21
157	Intracranial Aneurysms in Finnish Families: Confirmation of Linkage and Refinement of the Interval to Chromosome 19q13.3. American Journal of Human Genetics, 2004, 74, 564-571.	6.2	96
158	Routine Cerebral Angiography after Surgery for Saccular Aneurysms: Is It Worth It?. Neurosurgery, 2004, 55, 1015-1024.	1.1	105
159	Detection of Intracranial Aneurysms with Two-dimensional and Three-dimensional Multislice Helical Computed Tomographic Angiography. Neurosurgery, 2004, 54, 336-341.	1.1	118
160	Familial Vascular Diseases of Neurosurgical Significance. , 2004, , 1211-1216.		0
161	Multiple aneurysms. World Neurosurgery, 2003, 60, 136-137.	1.3	4
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