

# Miikka Korja

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

3,046  
citations

201674

27  
h-index

175258

52  
g-index

104  
all docs

104  
docs citations

104  
times ranked

4155  
citing authors

#	ARTICLE	IF	CITATIONS
1	Saccular intracranial aneurysm: pathology and mechanisms. <i>Acta Neuropathologica</i> , 2012, 123, 773-786.	7.7	353
2	The unruptured intracranial aneurysm treatment score. <i>Neurology</i> , 2015, 85, 881-889.	1.1	301
3	Lifelong Rupture Risk of Intracranial Aneurysms Depends on Risk Factors. <i>Stroke</i> , 2014, 45, 1958-1963.	2.0	225
4	Incidence of subarachnoid hemorrhage is decreasing together with decreasing smoking rates. <i>Neurology</i> , 2016, 87, 1118-1123.	1.1	130
5	Controversies in epidemiology of intracranial aneurysms and SAH. <i>Nature Reviews Neurology</i> , 2016, 12, 50-55.	10.1	120
6	Genetic Epidemiology of Spontaneous Subarachnoid Hemorrhage. <i>Stroke</i> , 2010, 41, 2458-2462.	2.0	83
7	Sex, Smoking, and Risk for Subarachnoid Hemorrhage. <i>Stroke</i> , 2016, 47, 1975-1981.	2.0	82
8	Size and location of ruptured intracranial aneurysms: consecutive series of 1993 hospital-admitted patients. <i>Journal of Neurosurgery</i> , 2017, 127, 748-753.	1.6	81
9	Risk Factors and Their Combined Effects on the Incidence Rate of Subarachnoid Hemorrhage – A Population-Based Cohort Study. <i>PLoS ONE</i> , 2013, 8, e73760.	2.5	78
10	Cause-specific mortality of 1-year survivors of subarachnoid hemorrhage. <i>Neurology</i> , 2013, 80, 481-486.	1.1	72
11	The tumour-associated carbonic anhydrases CA II, CA IX and CA XII in a group of medulloblastomas and supratentorial primitive neuroectodermal tumours: an association of CA IX with poor prognosis. <i>BMC Cancer</i> , 2010, 10, 148.	2.6	71
12	Machine learning-based dynamic mortality prediction after traumatic brain injury. <i>Scientific Reports</i> , 2019, 9, 17672.	3.3	70
13	Glioblastoma survival is improving despite increasing incidence rates: a nationwide study between 2000 and 2013 in Finland. <i>Neuro-Oncology</i> , 2019, 21, 370-379.	1.2	63
14	Evidence for the Use of Preoperative Risk Assessment Scores in Elective Cranial Neurosurgery. <i>Anesthesia and Analgesia</i> , 2014, 119, 420-432.	2.2	55
15	Preoperative identification of neurosurgery patients with a high risk of in-hospital complications: a prospective cohort of 418 consecutive elective craniotomy patients. <i>Journal of Neurosurgery</i> , 2015, 123, 594-604.	1.6	55
16	Risk Factors of Sudden Death From Subarachnoid Hemorrhage. <i>Stroke</i> , 2017, 48, 2399-2404.	2.0	55
17	Role of Surgery in the Management of Brain Arteriovenous Malformations. <i>Stroke</i> , 2014, 45, 3549-3555.	2.0	49
18	Intracranial Aneurysm Parameters for Predicting a Future Subarachnoid Hemorrhage: A Long-Term Follow-up Study. <i>Neurosurgery</i> , 2017, 81, 432-440.	1.1	48

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19	Natural History of Ruptured but Untreated Intracranial Aneurysms. <i>Stroke</i> , 2017, 48, 1081-1084.	2.0	47
20	Unverricht-Lundborg disease. <i>Epileptic Disorders</i> , 2016, 18, 28-37.	1.3	46
21	Risk of hospitalization with neurodegenerative disease after moderate-to-severe traumatic brain injury in the working-age population: A retrospective cohort study using the Finnish national health registries. <i>PLoS Medicine</i> , 2017, 14, e1002316.	8.4	45
22	Primary treatment of ruptured blood blister-like aneurysms with stent-assisted coil embolization: report of two cases. <i>Acta Radiologica</i> , 2008, 49, 180-183.	1.1	44
23	Mortality in Elderly Patients Operated for an Acute Subdural Hematoma: A Surgical Case Series. <i>World Neurosurgery</i> , 2016, 88, 592-597.	1.3	44
24	Substantial Thalamostriatal Dopaminergic Defect in Unverricht-Lundborg Disease. <i>Epilepsia</i> , 2007, 48, 1768-1773.	5.1	39
25	Amplification and overexpression of KIT, PDGFRA, and VEGFR2 in medulloblastomas and primitive neuroectodermal tumors. <i>Journal of Neuro-Oncology</i> , 2010, 97, 217-224.	2.9	38
26	Construction of antibody mimics from a noncatalytic enzyme—detection of polysialic acid. <i>Journal of Immunological Methods</i> , 2004, 295, 149-160.	1.4	33
27	Patient Satisfaction and Short-Term Outcome in Elective Cranial Neurosurgery. <i>Neurosurgery</i> , 2015, 77, 769-776.	1.1	32
28	Cholesterol as a Risk Factor for Subarachnoid Hemorrhage: A Systematic Review. <i>PLoS ONE</i> , 2016, 11, e0152568.	2.5	29
29	Intensive care of traumatic brain injury and aneurysmal subarachnoid hemorrhage in Helsinki during the Covid-19 pandemic. <i>Acta Neurochirurgica</i> , 2020, 162, 2715-2724.	1.7	29
30	Absence of polysialylated NCAM is an unfavorable prognostic phenotype for advanced stage neuroblastoma. <i>BMC Cancer</i> , 2009, 9, 57.	2.6	28
31	Chromogenic in situ hybridization-detected hotspot MYCN amplification associates with Ki-67 expression and inversely with nestin expression in neuroblastomas. <i>Modern Pathology</i> , 2005, 18, 1599-1605.	5.5	27
32	Array-based gene expression, CGH and tissue data defines a 12q24 gain in neuroblastic tumors with prognostic implication. <i>BMC Cancer</i> , 2010, 10, 181.	2.6	24
33	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
34	Experience in Using the Excimer Laser-Assisted Nonocclusive Anastomosis Nonocclusive Bypass Technique for High-Flow Revascularization. <i>Neurosurgery</i> , 2012, 70, 49-55.	1.1	22
35	Neuron navigator 3 alterations in nervous system tumors associate with tumor malignancy grade and prognosis. <i>Genes Chromosomes and Cancer</i> , 2013, 52, 191-201.	2.8	22
36	Is cerebrovascular neurosurgery sacrificed on the altar of RCTs?. <i>Lancet, The</i> , 2014, 384, 27-28.	13.7	21

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37	The sutureless excimer laser assisted non-occlusive anastomosis (SELANA); a feasibility study in a pressurized cadaver model. <i>Acta Neurochirurgica</i> , 2010, 152, 1603-1609.	1.7	17
38	Twist predicts poor outcome of patients with astrocytic glioma. <i>Journal of Clinical Pathology</i> , 2015, 68, 905-912.	2.0	17
39	Survival bias explains improved survival in smokers and hypertensive individuals after aSAH. <i>Neurology</i> , 2019, 93, e2105-e2109.	1.1	17
40	Microsurgical dissection of Sylvian fissure – short technical videos of third generation cerebrovascular neurosurgeons. <i>Acta Neurochirurgica</i> , 2019, 161, 1743-1746.	1.7	16
41	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
42	DIZYGOTIC TWINS WITH A COLLOID CYST OF THE THIRD VENTRICLE. <i>Neurosurgery</i> , 2008, 63, E1003.	1.1	15
43	Size of Ruptured Intracranial Aneurysms Is Decreasing. <i>Stroke</i> , 2018, 49, 746-749.	2.0	15
44	Smoking Causes Fatal Subarachnoid Hemorrhage. <i>Stroke</i> , 2020, 51, 3018-3022.	2.0	15
45	Substantial Within-Country Variation in the Incidence of Subarachnoid Hemorrhage. <i>Neurology</i> , 2021, 97, e52-e60.	1.1	15
46	At the Apex of Cerebrovascular Surgery – Basilar Tip Aneurysms. <i>World Neurosurgery</i> , 2014, 82, 37-39.	1.3	14
47	Surgery for Unruptured Spetzler-Martin Grade 3 Brain Arteriovenous Malformations. <i>Neurosurgery</i> , 2015, 77, 362-370.	1.1	14
48	Obesity paradox in subarachnoid hemorrhage: a systematic review. <i>Neurosurgical Review</i> , 2020, 43, 1555-1563.	2.4	14
49	Disparities in glioblastoma survival by case volume: a nationwide observational study. <i>Journal of Neuro-Oncology</i> , 2020, 147, 361-370.	2.9	14
50	Dynamic prediction of mortality after traumatic brain injury using a machine learning algorithm. <i>Npj Digital Medicine</i> , 2022, 5, .	10.9	14
51	Patient-Reported Outcomes in Elective Cranial Neurosurgery. <i>World Neurosurgery</i> , 2015, 84, 1845-1851.	1.3	12
52	Screening tools for early neuropsychological impairment after aneurysmal subarachnoid hemorrhage. <i>Neurological Sciences</i> , 2020, 41, 817-824.	1.9	12
53	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
54	Operative Nuances of Side-to-Side In Situ Posterior Inferior Cerebellar Artery-Posterior Inferior Cerebellar Artery Bypass Procedure. <i>Operative Neurosurgery</i> , 2010, 67, ons471-ons477.	0.8	11

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55	Physical activity associates with subarachnoid hemorrhage riskâ€“ a population-based long-term cohort study. <i>Scientific Reports</i> , 2019, 9, 9219.	3.3	11
56	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
57	Subarachnoid Hemorrhage in Type 1 Diabetes. <i>Diabetes Care</i> , 2013, 36, 3754-3758.	8.6	10
58	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
59	No GIST-type c-kit gain of function mutations in neuroblastic tumours. <i>Journal of Clinical Pathology</i> , 2005, 58, 762-765.	2.0	9
60	Adverse lipid profile elevates risk for subarachnoid hemorrhage: A prospective population-based cohort study. <i>Atherosclerosis</i> , 2018, 274, 112-119.	0.8	9
61	Burden of aneurysmal subarachnoid haemorrhage deaths in middle-aged people is relatively high. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 563-565.	1.9	9
62	Incidence of surgery for chronic subdural hematoma in Finland during 1997â€“2014: a nationwide study. <i>Journal of Neurosurgery</i> , 2022, 136, 1186-1193.	1.6	9
63	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
64	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
65	ISAT: end of the debate on coiling versus clipping?. <i>Lancet, The</i> , 2015, 385, 2250-2251.	13.7	7
66	Ropinirole diminishes myoclonus and improves writing and postural balance in an ULD patient. <i>Movement Disorders</i> , 2010, 25, 520-521.	3.9	6
67	Polysialic acid is associated with better prognosis and IDH1-mutation in diffusely infiltrating astrocytomas. <i>BMC Cancer</i> , 2014, 14, 623.	2.6	6
68	Body Mass Index and the Risk of Poor Outcome in Surgically Treated Patients With Good-Grade Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2022, 90, 816-822.	1.1	6
69	Hyperostosis frontalis interna as a novel finding in Unverricht-Lundborg disease. <i>Neurology</i> , 2007, 68, 1077-1078.	1.1	5
70	T2-weighted high-intensity signals in the basal ganglia as an interesting image finding in Unverricht-Lundborg disease. <i>Epilepsy Research</i> , 2010, 88, 87-91.	1.6	5
71	Apolipoprotein E, brain injury and neurodevelopmental outcome of children. <i>Genes, Brain and Behavior</i> , 2013, 12, 348-352.	2.2	5
72	Simple Preoperative Patient-Reported Factors Predict Adverse Outcome After Elective Cranial Neurosurgery. <i>Neurosurgery</i> , 2018, 83, 197-202.	1.1	5

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73	Quality of British and American Nationwide Quality of Care and Patient Safety Benchmarking Programs: Case Neurosurgery. <i>Neurosurgery</i> , 2019, 85, 500-507.	1.1	5
74	Risk of Dementia After Hospitalization Due to Traumatic Brain Injury. <i>Neurology</i> , 2022, 98, .	1.1	5
75	Unruptured Cerebral Aneurysms in a Japanese Cohort. <i>New England Journal of Medicine</i> , 2012, 367, 1267-1269.	27.0	4
76	Mortality of older patients with dementia after surgery for chronic subdural hematoma: a nationwide study. <i>Age and Ageing</i> , 2021, 50, 815-821.	1.6	4
77	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
78	Risk of Aneurysm Rupture After Thrombolysis in Patients With Acute Ischemic Stroke and Unruptured Intracranial Aneurysms. <i>Neurology</i> , 2021, 97, e1790-e1798.	1.1	4
79	Fast Transition from Open Surgery to Endovascular Treatment of Unruptured Anterior Communicating Artery Aneurysmsâ€”A Retrospective Analysis of 128 Patients. <i>World Neurosurgery</i> , 2022, 165, e668-e679.	1.3	4
80	Is Surgery the Treatment of Choice for Petrous Apex Dural Arteriovenous Fistulas?. <i>World Neurosurgery</i> , 2012, 77, 475-476.	1.3	3
81	Transient Intracranial Circulatory Arrest Evidenced at the Time of Intracranial Aneurysm Rupture: Case Report. <i>Neurocritical Care</i> , 2021, 34, 340-342.	2.4	3
82	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
83	In-hospital postoperative opioid use and its trends in neurosurgery between 2007 and 2018. <i>Acta Neurochirurgica</i> , 2021, 164, 107.	1.7	2
84	Generation of Lectins from Enzymes: Use of Inactive Endosialidase for Polysialic Acid Detection. , 2007, , 385-395.		2
85	Obesity Does Not Protect From Subarachnoid Hemorrhage: Pooled Analyses of 3 Large Prospective Nordic Cohorts. <i>Stroke</i> , 2022, 53, 1301-1309.	2.0	2
86	A new home for the Helsinki Neurosurgical Department â€” closure of TÄ¶Ä¶Ä¶ Hospital after 90Ä¶years of neurosurgical history. <i>Acta Neurochirurgica</i> , 2022, 164, 1447-1452.	1.7	2
87	Response to Letter Regarding Article, â€œLifelong Rupture Risk of Intracranial Aneurysms Depends on Risk Factors: A Prospective Finnish Cohort Studyâ€” <i>Stroke</i> , 2014, 45, e211.	2.0	1
88	In Reply: Simple Preoperative Patient-Reported Factors Predict Adverse Outcome After Elective Cranial Neurosurgery. <i>Neurosurgery</i> , 2018, 82, E23-E24.	1.1	1
89	Design of a Cytotoxic Neuroblastoma-Targeting Agent Using an Enzyme Acting on Polysialic Acid Fused to a Toxin. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1996-2007.	4.1	1
90	In Reply to the Letter to the Editor Regarding â€œEffect of Surgeon Experience on Surgical Outcome of 80-Year-Old or Older Intracranial Meningioma Patientsâ€” <i>World Neurosurgery</i> , 2021, 151, 319.	1.3	1

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91	Shunt catheter migration into pulmonary arteries. <i>Neurology India</i> , 2008, 56, 102.	0.4	1
92	Foundations of Brain Image Segmentation: Pearls and Pitfalls in Segmenting Intracranial Blood on Computed Tomography Images. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 153-159.	1.0	1
93	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
94	Headache as symptom of intracranial hemorrhage. <i>Duodecim</i> , 2016, 132, 1993-9.	0.1	1
95	In Reply. <i>Neurosurgery</i> , 2016, 78, E163-E164.	1.1	0
96	Letter by Korja and Juvela Regarding Article, “Declining Admission and Mortality Rates for Subarachnoid Hemorrhage in Canada Between 2004 and 2015” <i>Stroke</i> , 2019, 50, e132.	2.0	0
97	Response by Rautalin et al Letter Regarding Article, “Smoking Causes Fatal Subarachnoid Hemorrhage: A Case-Control Study of Finnish Twins” <i>Stroke</i> , 2021, 52, e74-e75.	2.0	0
98	Two out of three of octogenarians benefitted from delayed resection of spinal meningiomas. , 2021, 12, 593.		0
99	Author Response: Substantial Within-Country Variation in the Incidence of Subarachnoid Hemorrhage: A Nationwide Finnish Study. <i>Neurology</i> , 2022, 98, 734-734.	1.1	0
100	Follow-up Imaging of Low-Risk Unruptured Intracranial Aneurysms. <i>Neurology</i> , 2022, 99, 363-365.	1.1	0