

# Kazuhiko Nozaki

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

1,182  
citations

471061

17  
h-index

433756

31  
g-index

87  
all docs

87  
docs citations

87  
times ranked

1641  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prostaglandin E <sub>2</sub> (EP2)-NF- $\kappa$ B signaling in macrophages as a potential therapeutic target for intracranial aneurysms. <i>Science Signaling</i> , 2017, 10, .	1.6	121
2	Incidence, Management and Short-Term Outcome of Stroke in a General Population of 1.4 Million Japanese—Shiga Stroke Registry. <i>Circulation Journal</i> , 2017, 81, 1636-1646.	0.7	118
3	Prediction model for 3-year rupture risk of unruptured cerebral aneurysms in Japanese patients. <i>Annals of Neurology</i> , 2015, 77, 1050-1059.	2.8	111
4	Statin Use and Risk of Cerebral Aneurysm Rupture: A Hospital-based Case-control Study in Japan. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 343-348.	0.7	58
5	Elevated preoperative neutrophil-to-lymphocyte ratio as a predictor of worse survival after resection in patients with brain metastasis. <i>Journal of Neurosurgery</i> , 2017, 127, 433-437.	0.9	58
6	Risk of rupture of unruptured cerebral aneurysms in elderly patients. <i>Neurology</i> , 2015, 85, 1879-1885.	1.5	46
7	Guidelines for Mechanical Thrombectomy in Japan, the Fourth Edition, March 2020: A Guideline from the Japan Stroke Society, the Japan Neurosurgical Society, and the Japanese Society for Neuroendovascular Therapy. <i>Neurologia Medico-Chirurgica</i> , 2021, 61, 163-192.	1.0	44
8	Two Diverse Hemodynamic Forces, a Mechanical Stretch and a High Wall Shear Stress, Determine Intracranial Aneurysm Formation. <i>Translational Stroke Research</i> , 2020, 11, 80-92.	2.3	35
9	A sphingosine-1-phosphate receptor type 1 agonist, ASP4058, suppresses intracranial aneurysm through promoting endothelial integrity and blocking macrophage transmigration. <i>British Journal of Pharmacology</i> , 2017, 174, 2085-2101.	2.7	33
10	Rupture risk of small unruptured cerebral aneurysms. <i>Journal of Neurosurgery</i> , 2020, 132, 69-78.	0.9	32
11	T cell function is dispensable for intracranial aneurysm formation and progression. <i>PLoS ONE</i> , 2017, 12, e0175421.	1.1	28
12	Macrophage Imaging of Cerebral Aneurysms with Ferumoxytol: an Exploratory Study in an Animal Model and in Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2055-2064.	0.7	25
13	Cerebrospinal fluid dynamics in idiopathic normal pressure hydrocephalus on four-dimensional flow imaging. <i>European Radiology</i> , 2020, 30, 4454-4465.	2.3	25
14	Exploring mechanisms of ventricular enlargement in idiopathic normal pressure hydrocephalus: a role of cerebrospinal fluid dynamics and motile cilia. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 20.	2.4	25
15	Involvement of neutrophils in machineries underlying the rupture of intracranial aneurysms in rats. <i>Scientific Reports</i> , 2020, 10, 20004.	1.6	24
16	Sex Difference and Rupture Rate of Intracranial Aneurysms: An Individual Patient Data Meta-Analysis. <i>Stroke</i> , 2022, 53, 362-369.	1.0	22
17	Relationship Between Step Counts and Cerebral Small Vessel Disease in Japanese Men. <i>Stroke</i> , 2020, 51, 3584-3591.	1.0	19
18	Intracranial Artery Stenosis and Its Association With Conventional Risk Factors in a General Population of Japanese Men. <i>Stroke</i> , 2019, 50, 2967-2969.	1.0	18

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19	RNA sequencing analysis revealed the induction of CCL3 expression in human intracranial aneurysms. <i>Scientific Reports</i> , 2019, 9, 10387.	1.6	18
20	The Association between Glomerular Filtration Rate Estimated on Admission and Acute Stroke Outcome: The Shiga Stroke Registry. <i>Journal of Atherosclerosis and Thrombosis</i> , 2018, 25, 570-579.	0.9	17
21	Two-Year Survival After First-Ever Stroke in a General Population of 1.4 Million Japanese—Shiga Stroke Registry. <i>Circulation Journal</i> , 2018, 82, 2549-2556.	0.7	16
22	Long-Term Survival after Stroke in 1.4 Million Japanese Population: Shiga Stroke and Heart Attack Registry. <i>Journal of Stroke</i> , 2020, 22, 336-344.	1.4	16
23	Determining if Cerebrospinal Fluid Prevents Recurrence of Chronic Subdural Hematoma: A Multi-Center Prospective Randomized Clinical Trial. <i>Journal of Neurotrauma</i> , 2019, 36, 559-564.	1.7	14
24	Characteristics of Cerebral Aneurysms in Japan. <i>Neurologia Medico-Chirurgica</i> , 2019, 59, 399-406.	1.0	14
25	A register-based SAH study in Japan: high incidence rate and recent decline trend based on lifestyle. <i>Journal of Neurosurgery</i> , 2021, 134, 983-991.	0.9	14
26	Vasa vasorum formation is associated with rupture of intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2020, 133, 789-799.	0.9	14
27	The Japan Neurosurgical Database: Overview and Results of the First-year Survey. <i>Neurologia Medico-Chirurgica</i> , 2020, 60, 165-190.	1.0	13
28	Dedifferentiation of smooth muscle cells in intracranial aneurysms and its potential contribution to the pathogenesis. <i>Scientific Reports</i> , 2020, 10, 8330.	1.6	12
29	The Association Between Coronary Artery Calcification and Subclinical Cerebrovascular Diseases in Men: An Observational Study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2020, 27, 995-1009.	0.9	12
30	Quantification of Oscillatory Shear Stress from Reciprocating CSF Motion on 4D Flow Imaging. <i>American Journal of Neuroradiology</i> , 2021, 42, 479-486.	1.2	12
31	Arsenic Trioxide Sensitizes Glioblastoma to a Myc Inhibitor. <i>PLoS ONE</i> , 2015, 10, e0128288.	1.1	12
32	High-Fat Diet Intake Promotes the Enlargement and Degenerative Changes in the Media of Intracranial Aneurysms in Rats. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 798-807.	0.9	11
33	Reduced Lung Function and Cerebral Small Vessel Disease in Japanese Men: the Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). <i>Journal of Atherosclerosis and Thrombosis</i> , 2018, 25, 1009-1021.	0.9	10
34	Gait Assessment Using Three-Dimensional Acceleration of the Trunk in Idiopathic Normal Pressure Hydrocephalus. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 653964.	1.7	10
35	Direct Microsurgical Embolectomy for Acute Occlusion of the Internal Carotid Artery and Middle Cerebral Artery. <i>World Neurosurgery</i> , 2016, 88, 243-251.	0.7	9
36	Selection of Semisitting Position in Neurosurgery: Essential or Preference?. <i>World Neurosurgery</i> , 2014, 81, 62-63.	0.7	8

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37	Intraventricular Epithelioid Glioblastoma: A Case Report. <i>World Neurosurgery</i> , 2018, 112, 257-263.	0.7	8
38	Seasonal Variation in Incidence of Stroke in a General Population of 1.4 Million Japanese: The Shiga Stroke Registry. <i>Cerebrovascular Diseases</i> , 2022, 51, 75-81.	0.8	8
39	The Japan Neurosurgical Database: Statistics Update 2018 and 2019. <i>Neurologia Medico-Chirurgica</i> , 2021, 61, 675-710.	1.0	8
40	Treatment Strategies for Cerebellar Hemangioblastomas: Simple or Further Studies?. <i>World Neurosurgery</i> , 2014, 82, 619-620.	0.7	7
41	Real-time Imaging of an Experimental Intracranial Aneurysm in Rats. <i>Neurologia Medico-Chirurgica</i> , 2019, 59, 19-26.	1.0	7
42	Two-Year Recurrence After First-Ever Stroke in a General Population of 1.4 Million Japanese Patients—The Shiga Stroke and Heart Attack Registry Study. <i>Circulation Journal</i> , 2020, 84, 943-948.	0.7	7
43	Reconsidering Ventriculoperitoneal Shunt Surgery and Postoperative Shunt Valve Pressure Adjustment: Our Approaches Learned From Past Challenges and Failures. <i>Frontiers in Neurology</i> , 2021, 12, 798488.	1.1	7
44	A Prospective and Retrospective Study of Cerebral AVM Treatment Strategies 1990–2014. <i>Acta Neurochirurgica Supplementum</i> , 2016, 123, 135-139.	0.5	6
45	Trigeminal Neuralgia Attributable to Intraneural Trigemino-cerebellar Artery: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2016, 88, 687.e7-687.e11.	0.7	6
46	mTORC1 signaling in primary central nervous system lymphoma. , 2016, 7, 475.		6
47	Primary Central Nervous System T-cell Lymphoma as Methotrexate-associated Lymphoproliferative Disorders: Case Report. <i>NMC Case Report Journal</i> , 2021, 8, 253-259.	0.2	4
48	Semiology of hyperkinetic seizures of frontal versus temporal lobe origin. <i>Epileptic Disorders</i> , 2019, 21, 154-165.	0.7	4
49	Primary diffuse large B-cell lymphoma of the choroid plexus: A case report and review of the literature. , 2018, 9, 110.		4
50	Treatment for Large Cerebral Infarction: Past, Present, and Future. <i>World Neurosurgery</i> , 2015, 83, 483-485.	0.7	3
51	Characteristics of cranial vault lymphoma from a systematic review of the literature. , 0, 13, 231.		3
52	Role of Burr Hole Surgery in Patients with Moyamoya Disease. <i>World Neurosurgery</i> , 2014, 81, 27-28.	0.7	2
53	Clinical Relevance of Racial Differences in Cerebrovascular Diseases. <i>World Neurosurgery</i> , 2015, 84, 636-637.	0.7	2
54	The JAGUAR Score Predicts 1-Month Disability/Death in Ischemic Stroke Patient Ineligible for Recanalization Therapy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2579-2586.	0.7	2

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55	Relationship of Four Blood Pressure Indexes to Subclinical Cerebrovascular Diseases Assessed by Brain MRI in General Japanese Men. <i>Journal of Atherosclerosis and Thrombosis</i> , 2022, 29, 174-187.	0.9	2
56	Urine volume to hydration volume ratio is associated with pharmacokinetics of high-dose methotrexate in patients with primary central nervous system lymphoma. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00883.	1.1	2
57	Recurrent subdural hematoma secondary to headbanging: A case report. , 2015, 6, 448.		2
58	The cerebral artery in cynomolgus monkeys (&lt;i>Macaca fascicularis&lt;/i>). <i>Experimental Animals</i> , 2022, 71, 391-398.	0.7	2
59	Intraarterial Infusion Therapy for Cerebral Vasospasm: Promising but Preliminary. <i>World Neurosurgery</i> , 2012, 78, 223-225.	0.7	1
60	Additional Indications of Microvascular Decompression Surgery: Brainstem Dysfunction. <i>World Neurosurgery</i> , 2014, 82, e403-e404.	0.7	1
61	Brainstem Venous Congestion Due to Transverse-sigmoid Sinus Dural Arteriovenous Fistula: Case Report and Literature Review. <i>NMC Case Report Journal</i> , 2021, 8, 617-623.	0.2	1
62	Rupture of Anterior Communicating Artery Aneurysm after Intravenous Thrombolysis for Acute Ischemic Stroke: A Case Report. <i>Journal of Neuroendovascular Therapy</i> , 2021, 15, 240-245.	0.1	1
63	A Right-sided Aortic Arch with an Aberrant Left Subclavian Artery in a Patient with a Transverse-sigmoid Sinus Dural Arteriovenous Fistula. <i>Journal of Neuroendovascular Therapy</i> , 2016, 10, 98-99.	0.1	1
64	A Case of Ruptured Vertebral Artery Dissection Involving the Origin of the Posterior Inferior Cerebellar Artery Was Conserved by Placing a Stent via the Contralateral Vertebral Artery. <i>Journal of Neuroendovascular Therapy</i> , 2019, 13, 474-479.	0.1	1
65	Surgical Intervention for Cerebral Ischemia: Effective or Not?. <i>World Neurosurgery</i> , 2012, 78, 45-46.	0.7	0
66	Aneurysms Associated with Arteriovenous Malformations: Classification and Risk Estimation. <i>World Neurosurgery</i> , 2015, 83, 140-141.	0.7	0
67	Chronic Encapsulated Intracerebral Hematoma : A Report of Two Cases and a Review of the Literature. <i>Japanese Journal of Neurosurgery</i> , 2016, 26, 134-142.	0.0	0
68	ML-10 PRIMARY DIFFUSE LARGE B-CELL LYMPHOMA OF THE CRANIAL VAULT: A CASE REPORT. <i>Neuro-Oncology Advances</i> , 2019, 1, ii34-ii34.	0.4	0
69	CS-11 PITUITARY EPENDYMOMA: A CASE REPORT. <i>Neuro-Oncology Advances</i> , 2019, 1, ii40-ii40.	0.4	0
70	COT-16 INDICATION OF SYSTEMIC THERAPY FOR ELDER PATIENTS WITH BRAIN TUMORS: A SYSTEMATIC REVIEW AND PERSPECTIVE. <i>Neuro-Oncology Advances</i> , 2019, 1, ii43-ii43.	0.4	0
71	Differences Between Subarachnoid Hemorrhage Seen in Daily Practice and Aneurysms That Rupture During Follow-Up. <i>Stroke</i> , 2021, 52, e491-e493.	1.0	0
72	Neuropsychological outcomes after frontal lobectomy to treat intractable epilepsy. <i>Epilepsy and Behavior</i> , 2021, 123, 108240.	0.9	0

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73	Assessment of stress index in patients with subarachnoid hemorrhage of acute phase. Nosotchu, 2021, 43, 201-205.	0.0	0
74	Carotid Cavernous Fistula during Thrombectomy for Acute Ischemic Stroke: A Case Report. Journal of Neuroendovascular Therapy, 2021, 15, 438-443.	0.1	0
75	Best Treatment for Grade IV & V Cerebral AVMs(&lt;SPECIAL ISSUE&gt;Recent Progress in the) Tj ETQq1 1 0.784314 rgBT /Overlo Neurosurgery, 2011, 20, 42-46.	0.0	0
76	Let's Try Basic Research Abroad : A Survey of Study Abroad in Neurosurgical Institutes in Japan(&lt;SPECIAL ISSUE&gt;Research Mind and Academism of Neurosurgeons). Japanese Journal of Neurosurgery, 2012, 21, 452-457.	0.0	0
77	Development of new treatments for cerebral aneurysms using animal models. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2015, 26, 107-112.	0.1	0
78	Straight sinus thrombosis during neurosurgical operation. , 2016, 7, 50.		0
79	Endogenous Bacterial Endophthalmitis on the Contralateral Side of Carotid Endarterectomy: A Case Report. Surgery for Cerebral Stroke, 2016, 44, 390-394.	0.0	0
80	A Case of a De Novo Vertebral Artery Dissecting Aneurysm after Trapping of the Contralateral Vertebral Artery Dissecting Aneurysm. Surgery for Cerebral Stroke, 2016, 44, 395-400.	0.0	0
81	Risk estimation for growth and rupture of cerebral aneurysms. No Junkan Taisha = Cerebral Blood Flow and Metabolism, 2018, 30, 35-39.	0.1	0
82	Controversies in the ARUBA Trial and Future Treatment Strategies for Unruptured AVMs. Japanese Journal of Neurosurgery, 2018, 27, 208-215.	0.0	0
83	Diagnosis of demyelinating brain lesion simulating brain tumors on fast imaging employing steady-state acquisition magnetic resonance imaging. , 2018, 9, 26.		0
84	Future Perspectives of Intervention for Cerebral Aneurysms. Japanese Journal of Neurosurgery, 2020, 29, 101-108.	0.0	0
85	Differential Association of Serum n-3 Polyunsaturated Fatty Acids with Various Cerebrovascular Lesions in Japanese Men. Cerebrovascular Diseases, 2022, 51, 774-780.	0.8	0