

Yoichi Morofuji

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

1,647
citations

361296

20
h-index

315616

38
g-index

112
all docs

112
docs citations

112
times ranked

2903
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipopolysaccharide-induced blood-brain barrier disruption: roles of cyclooxygenase, oxidative stress, neuroinflammation, and elements of the neurovascular unit. <i>Journal of Neuroinflammation</i> , 2015, 12, 223.	3.1	405
2	Lipopolysaccharide impairs amyloid beta efflux from brain: altered vascular sequestration, cerebrospinal fluid reabsorption, peripheral clearance and transporter function at the blood-brain barrier. <i>Journal of Neuroinflammation</i> , 2012, 9, 150.	3.1	102
3	High glucose-induced mitochondrial respiration and reactive oxygen species in mouse cerebral pericytes is reversed by pharmacological inhibition of mitochondrial carbonic anhydrases: Implications for cerebral microvascular disease in diabetes. <i>Biochemical and Biophysical Research Communications</i> . 2013, 440, 354-358.	1.0	83
4	Rapid Transport of CCL11 across the Blood-Brain Barrier: Regional Variation and Importance of Blood Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 349, 497-507.	1.3	75
5	Neurovascular unit crosstalk: Pericytes and astrocytes modify cytokine secretion patterns of brain endothelial cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1104-1118.	2.4	74
6	USEFULNESS OF INTRAOPERATIVE PHOTODYNAMIC DIAGNOSIS USING 5-AMINOLEVULINIC ACID FOR MENINGIOMAS WITH CRANIAL INVASION. <i>Operative Neurosurgery</i> , 2008, 62, 102-104.	0.4	56
7	Pharmacological Inhibition of Mitochondrial Carbonic Anhydrases Protects Mouse Cerebral Pericytes from High Glucose-Induced Oxidative Stress and Apoptosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 344, 637-645.	1.3	49
8	Efficacy of DynaCT Digital Angiography in the Detection of the Fistulous Point of Dural Arteriovenous Fistulas. <i>American Journal of Neuroradiology</i> , 2009, 30, 487-491.	1.2	45
9	Cilostazol Strengthens Barrier Integrity in Brain Endothelial Cells. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 291-307.	1.7	44
10	Acute stroke with major intracranial vessel occlusion: Characteristics of cardioembolism and atherosclerosis-related in situ stenosis/occlusion. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 24-29.	0.8	39
11	Age of donor of human mesenchymal stem cells affects structural and functional recovery after cell therapy following ischaemic stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1199-1212.	2.4	35
12	Drug Development for Central Nervous System Diseases Using In vitro Blood-brain Barrier Models and Drug Repositioning. <i>Current Pharmaceutical Design</i> , 2020, 26, 1466-1485.	0.9	35
13	Glucagon-Like Peptide-1 Strengthens the Barrier Integrity in Primary Cultures of Rat Brain Endothelial Cells Under Basal and Hyperglycemia Conditions. <i>Journal of Molecular Neuroscience</i> , 2016, 59, 211-219.	1.1	34
14	Beyond Lipid-Lowering: Effects of Statins on Cardiovascular and Cerebrovascular Diseases and Cancer. <i>Pharmaceuticals</i> , 2022, 15, 151.	1.7	34
15	Intra-Arterial Transplantation of Low-Dose Stem Cells Provides Functional Recovery Without Adverse Effects After Stroke. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 399-406.	1.7	32
16	De Novo Ivy Sign Indicates Postoperative Hyperperfusion in Moyamoya Disease. <i>Stroke</i> , 2014, 45, 1488-1491.	1.0	29
17	Microsurgical Clipping for Recurrent Aneurysms After Initial Endovascular Coil Embolization. <i>World Neurosurgery</i> , 2015, 83, 211-218.	0.7	29
18	Remote Cerebellar Hemorrhage Following Thoracic Spinal Surgery -Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2009, 49, 117-119.	1.0	27

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19	Pitavastatin Strengthens the Barrier Integrity in Primary Cultures of Rat Brain Endothelial Cells. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 727-735.	1.7	25
20	Initial experience of ORBEYE [®] surgical microscope for carotid endarterectomy. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 14, 839-842.	0.5	22
21	Quantitative Susceptibility Mapping for Carotid Atherosclerotic Plaques: A Pilot Study. <i>Magnetic Resonance in Medical Sciences</i> , 2020, 19, 135-140.	1.1	21
22	Communication of inwardly projecting neovessels with the lumen contributes to symptomatic intraplaque hemorrhage in carotid artery stenosis. <i>Journal of Neurosurgery</i> , 2015, 123, 1125-1132.	0.9	17
23	Resistance to the sympathoexcitatory effects of insulin and leptin in late pregnant rats. <i>Journal of Physiology</i> , 2019, 597, 4087-4100.	1.3	17
24	Pericytes Suppress Brain Metastasis from Lung Cancer In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 113-121.	1.7	16
25	Significance of the T2*-weighted gradient echo brain imaging in patients with infective endocarditis. <i>Clinical Neurology and Neurosurgery</i> , 2010, 112, 436-440.	0.6	15
26	Candesartan Improves Ischemia-Induced Impairment of the Blood-Brain Barrier In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 563-572.	1.7	15
27	Impact of basal ganglia damage after successful endovascular recanalization for acute ischemic stroke involving lenticulostriate arteries. <i>Journal of Neurosurgery</i> , 2020, 132, 1880-1888.	0.9	15
28	Arterial Spin Labeling Magnetic Resonance Imaging Can Identify the Occlusion Site and Collateral Perfusion in Patients with Acute Ischemic Stroke: Comparison with Digital Subtraction Angiography. <i>Cerebrovascular Diseases</i> , 2019, 48, 70-76.	0.8	12
29	Revascularization for Aplastic or Twiglike Middle Cerebral Artery: A Case Report. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, e78-e79.	0.7	11
30	Comparison of the rate of dedifferentiation with increasing passages among cell sources for an in vitro model of the blood-brain barrier. <i>Journal of Neural Transmission</i> , 2020, 127, 1117-1124.	1.4	11
31	Observation of the embolus protection filter for carotid artery stenting. <i>World Neurosurgery</i> , 2009, 72, 532-537.	1.3	10
32	Radiological findings of orbital infarction syndrome following intracranial aneurysm surgery. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1546-1548.	0.6	10
33	Impact of perioperative aneurysm rebleeding after subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2020, 133, 1401-1410.	0.9	10
34	Characterization of a Primate Blood-Brain Barrier Co-Culture Model Prepared from Primary Brain Endothelial Cells, Pericytes and Astrocytes. <i>Pharmaceutics</i> , 2021, 13, 1484.	2.0	10
35	Recurrence of Subarachnoid Hemorrhage Due to the Rupture of Cerebral Aneurysms in a Patient With Sjogren's Syndrome -Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2010, 50, 658-661.	1.0	8
36	Dolichoectasic Anterior Cerebral Artery and Hemodynamics. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2012, 21, 907.e5-907.e8.	0.7	8

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37	De novo ruptured aneurysm at the site of anastomosis after superficial temporal artery-middle cerebral artery anastomosis Case report and literature review. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 457-460.	0.6	8
38	Computational and In Vitro Studies of Blast-Induced Blood-Brain Barrier Disruption. <i>SIAM Journal of Scientific Computing</i> , 2016, 38, B347-B374.	1.3	8
39	Impact of Mechanical Thrombectomy Device on Thrombus Histology in Acute Embolic Stroke. <i>World Neurosurgery</i> , 2019, 132, e418-e422.	0.7	8
40	Intraoperative Angiography Using Portable Fluoroscopy Unit in the Treatment of Vascular Malformation. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 505-509.	1.0	7
41	Rapid Recanalization Using TrevoProVue through a 4.2 Fr Catheter without a Guiding Catheter via Transbrachial Approach: A Case Report. <i>NMC Case Report Journal</i> , 2017, 4, 97-99.	0.2	7
42	Early Diagnosis of Infective Endocarditis by Brain T2*-Weighted Magnetic Resonance Imaging. <i>Circulation Journal</i> , 2018, 82, 464-468.	0.7	6
43	In Vitro analysis of drugs that improve hyperglycemia-induced blood-brain barrier dysfunction. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1885-1890.	1.0	6
44	Carotid Carotid Bypass for a Carotid Artery Aneurysm. <i>World Neurosurgery</i> , 2020, 138, 7-8.	0.7	6
45	Pitavastatin Ameliorates Lipopolysaccharide-Induced Blood-Brain Barrier Dysfunction. <i>Biomedicines</i> , 2021, 9, 837.	1.4	6
46	Impact of Pre-operative Embolization With Onyx for Brain Arteriovenous Malformation Surgery. <i>Frontiers in Neurology</i> , 2022, 13, 875260.	1.1	6
47	Effects of fasudil on blood-brain barrier integrity. <i>Fluids and Barriers of the CNS</i> , 2022, 19, .	2.4	6
48	MicroNester coil for neurointervention. <i>Journal of Neurosurgery</i> , 2009, 110, 40-43.	0.9	5
49	A Case of Neurofibromatosis Type 1 Complicated with Repeated Intracerebral Hemorrhage due to Quasi-Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, e109-e113.	0.7	5
50	Hyperhomocysteinemia Causes Severe Intraoperative Thrombotic Tendency in Superficial Temporal Artery-middle Cerebral Artery Bypass. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104633.	0.7	5
51	MAP Kinase Pathways in Brain Endothelial Cells and Crosstalk with Pericytes and Astrocytes Mediate Contrast-Induced Blood-Brain Barrier Disruption. <i>Pharmaceutics</i> , 2021, 13, 1272.	2.0	5
52	Increased In Vitro Intercellular Barrier Function of Lung Epithelial Cells Using Adipose-Derived Mesenchymal Stem/Stromal Cells. <i>Pharmaceutics</i> , 2021, 13, 1264.	2.0	5
53	Assessment of veins in T2*-weighted MR angiography predicts infarct growth in hyperacute ischemic stroke. <i>PLoS ONE</i> , 2018, 13, e0195554.	1.1	4
54	Exploration of Pericyte-Derived Factors Implicated in Lung Cancer Brain Metastasis Protection: A Pilot Messenger RNA Sequencing Using the Blood-Brain Barrier In Vitro Model. <i>Cellular and Molecular Neurobiology</i> , 2020, , 1.	1.7	4

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55	A Pediatric Case of Aplastic or Twig-like Middle Cerebral Artery Presenting with Intracerebral Hemorrhage. <i>Surgery for Cerebral Stroke</i> , 2014, 42, 51-57.	0.0	4
56	Traumatic Middle Meningeal Arteriovenous Fistula of Non-fractured Site Detected by Four-dimensional Computed Tomography Angiography: A Case Report. <i>NMC Case Report Journal</i> , 2020, 7, 57-61.	0.2	4
57	Pathophysiology of flow impairment during carotid artery stenting with an embolus protection filter. <i>Acta Neurochirurgica</i> , 2014, 156, 1721-1728.	0.9	3
58	Biomarkers of Cardiac Dysfunction as Risk Factors in Cryptogenic Stroke. <i>Cerebrovascular Diseases</i> , 2019, 48, 132-139.	0.8	3
59	A score using left ventricular diastolic dysfunction to predict 90-day mortality in acute ischemic stroke: The DONE score. <i>Journal of the Neurological Sciences</i> , 2019, 398, 157-162.	0.3	3
60	First Bite Syndrome Following Carotid Endarterectomy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105364.	0.7	3
61	Characteristics of aneurysmal subarachnoid hemorrhage associated with rheumatic disease. <i>Neurosurgical Review</i> , 2021, 44, 2611-2618.	1.2	3
62	Current status of a helicopter transportation system on remote islands for patients undergoing mechanical thrombectomy. <i>PLoS ONE</i> , 2021, 16, e0245082.	1.1	3
63	A1 Segment Unruptured Aneurysm of Persistent Primitive Olfactory Artery Coexisted with Accessory Middle Cerebral Artery. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105758.	0.7	3
64	Surgical Treatment of Ruptured Anterior Circulation Aneurysms: Comparative Analysis of Modified Mini-Pterional and Standard Pterional Craniotomies. <i>Neurology India</i> , 2019, 67, 1248.	0.2	3
65	Concurrent Ossification of the Posterior Atlantoaxial Interlaminar Membrane and Atlas Hypoplasia: A Case Report. <i>NMC Case Report Journal</i> , 2020, 7, 147-150.	0.2	3
66	Quadruple coaxial catheter system on transvenous embolization for dural arteriovenous fistula. <i>Neurological Research</i> , 2015, 37, 328-331.	0.6	2
67	Point-by-point parent artery/sinus obliteration using detachable, pushable, 0.035-inch coils. <i>Acta Neurochirurgica</i> , 2016, 158, 2089-2094.	0.9	2
68	Subacute lesion volume as a potential prognostic biomarker for acute ischemic stroke after intravenous thrombolysis. <i>Journal of the Neurological Sciences</i> , 2016, 369, 77-81.	0.3	2
69	A Case of Invasive Sphenoid Sinus Aspergillosis Presenting as Oculomotor Nerve Palsy in a Healthy Patient. <i>NMC Case Report Journal</i> , 2021, 8, 343-347.	0.2	2
70	Ischemic Stroke as a Warning Sign of Impending Aneurysmal Rupture: A Report of Two Cases. <i>NMC Case Report Journal</i> , 2021, 8, 85-88.	0.2	2
71	A Spontaneous Extracranial Internal Carotid Artery Dissection with Autosomal Dominant Polycystic Kidney Disease: A Case Report and Literature Review. <i>Medicina (Lithuania)</i> , 2022, 58, 679.	0.8	2
72	TB-09 MRNA-SEQ FOR PERICYTES FROM IN VITRO BRAIN METASTASIS AND BLOOD-BRAIN BARRIER MODEL. <i>Neuro-Oncology Advances</i> , 2019, 1, ii11-ii11.	0.4	1

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73	Delayed Vasospasm Associated with Mechanical Thrombectomy for Acute Ischemic Stroke. <i>World Neurosurgery</i> , 2020, 138, 197-199.	0.7	1
74	Surgical Venous Drainage Disconnection from Cavernous Sinus Dural Arteriovenous Fistula and Ruptured Varix. <i>World Neurosurgery</i> , 2020, 137, 18-23.	0.7	1
75	Delayed recurrent posterior circulation infarction after C1-C2 posterior fusion treated with endovascular parent artery occlusion: a case report. <i>Nosotchu</i> , 2021, 43, 153-157.	0.0	1
76	A Stroke Code and cooperation between doctors and nurses could reduce door-to-needle time for acute ischemic stroke. <i>Nosotchu</i> , 2018, 40, 11-18.	0.0	1
77	Shrinkage of a Vertebral Dissecting Aneurysm After Stent-Assisted Coil Embolization Demonstrated by the Three-Dimensional Driven Equilibrium Sequence. <i>Neurologia Medico-Chirurgica</i> , 2012, 52, 205-208.	1.0	0
78	Usefulness of intraoperative ultrasonography in resection of central nervous system tumors. <i>Neurosonology</i> , 2013, 26, 8-11.	0.0	0
79	One Cause of Secondary Hypertension. <i>Circulation</i> , 2016, 133, 1985-1986.	1.6	0
80	Collateral flow detected by arterial spin labelling MR imaging can predict outcome in endovascular recanalization for acute ischemic stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 891.	0.7	0
81	Endovascular treatment for acute basilar artery occlusion. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 910.	0.7	0
82	Hybrid treatment for a giant thrombosed aneurysm at the distal posterior cerebral artery: A case report and literature review. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 22, 100864.	0.2	0
83	Biology of Pericytes “Recent Advances: Role of Pericytes in Brain Metastasis. <i>Pancreatic Islet Biology</i> , 2021, , 75-98.	0.1	0
84	A case of low-grade internal carotid artery stenosis presented repetitive ischemic stroke due to the mechanical stimulation of the hyoid bone. <i>Nosotchu</i> , 2021, 43, 457-461.	0.0	0
85	Carotid Endarterectomy Using Lone Star Retractor System. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105684.	0.7	0
86	Unusual course of the vagus nerve passing anterior to the internal carotid artery during carotid endarterectomy. , 2021, 12, 278.		0
87	Successful Endovascular Treatment for Middle Cerebral Artery Occlusion Caused by the Thrombus Formation in the Pulmonary Vein Stump Following Left Upper Lung Lobectomy. <i>Cureus</i> , 2021, 13, e17150.	0.2	0
88	Partial Clipping Occlusion Including Rupture Point Is an Effective Strategy for Ruptured Giant Fusiform Basilar Artery Aneurysm: A Technical Case Report. <i>Frontiers in Neurology</i> , 2021, 12, 743654.	1.1	0
89	Preoperative Embolization of the Meningioma using Gelpart: Case report. <i>Journal of Neuroendovascular Therapy</i> , 2009, 3, 34-38.	0.1	0
90	A fenestration of the middle cerebral artery, aneurysms of the anterior cerebral artery and an arteriovenous malformation: A case report. <i>Nosotchu</i> , 2015, 37, 117-120.	0.0	0

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91	Abstract TMP2: Postoperative Luxury Perfusion on Arterial Spin Labeling MRI Indicates Reperfusion Injury and Hemorrhagic Complication After Endovascular Mechanical Thrombectomy. Stroke, 2017, 48, .	1.0	0
92	Endovascular Therapy for Acute Ischemic Stroke: Reducing Door-to-puncture Time. Journal of Neuroendovascular Therapy, 2018, 12, 70-74.	0.1	0
93	Role of Bypass Procedure for Complex Cerebral Aneurysms. Surgery for Cerebral Stroke, 2019, 47, 349-354.	0.0	0
94	Abstract WP273: Transesophageal and Transthoracic Echocardiography for Detecting Risk and Prognostic Factors in Embolic Stroke of Undetermined Source. Stroke, 2019, 50, .	1.0	0
95	Current Status and Regional Collaboration for Endovascular Thrombectomy. Japanese Journal of Neurosurgery, 2020, 29, 611-618.	0.0	0
96	Carotid Endarterectomy Effectively treats Carotid Webs : A Case Report. Japanese Journal of Neurosurgery, 2020, 29, 652-657.	0.0	0
97	Treatment of large vessel occlusion on Tsushima Island using the drip, ship and retrieve approach: a case report of first experience. Nosotchu, 2022, , .	0.0	0
98	Free-Floating Thrombus in the Carotid Artery Without Atherosclerosis Dissolved by Antithrombotic Therapy. Neurology India, 2021, 69, 1269-1270.	0.2	0