Yasuo Murai

List of Publications by Year
in descending order

115 papers	1,452 citations	394421 19 h-index	377865 34 g-index
119 all docs	119 docs citations	119 times ranked	1611 citing authors

#	Article	IF	Citations
1	Absolute risk and predictors of the growth of acute spontaneous intracerebral haemorrhage: a systematic review and meta-analysis of individual patient data. Lancet Neurology, The, 2018, 17, 885-894.	10.2	229
2	Predicting Intracerebral Hemorrhage Growth With the Spot Sign. Stroke, 2016, 47, 695-700.	2.0	94
3	CONTRAST EXTRAVASATION ON CT ANGIOGRAPHY PREDICTS HEMATOMA EXPANSION IN INTRACEREBRAL HEMORRHAGE. Neurology, 2007, 69, 617-617.	1.1	87
4	Three-dimensional computerized tomography angiography in patients with hyperacute intracerebral hemorrhage. Journal of Neurosurgery, 1999, 91, 424-431.	1.6	70
5	Preliminary Clinical Microneurosurgical Experience With the 4K3-Dimensional Microvideoscope (ORBEYE) System for Microneurological Surgery: Observation Study. Operative Neurosurgery, 2019, 16, 707-716.	0.8	62
6	Magnetic resonance imagingâ€"documented extravasation as an indicator of acute hypertensive intracerebral hemorrhage. Journal of Neurosurgery, 1998, 88, 650-655.	1.6	51
7	Ischemic Complications after Radial Artery Grafting and Aneurysmal Trapping for Ruptured Internal Carotid Artery Anterior Wall Aneurysm. World Neurosurgery, 2012, 77, 166-171.	1.3	37
8	The long-term effects of transluminal balloon angioplasty for vasospasms after subarachnoid hemorrhage: analyses of cerebral blood flow and reactivity. World Neurosurgery, 2005, 64, 122-126.	1.3	36
9	Serum glucose/potassium ratio as a clinical risk factor for aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2018, 129, 870-875.	1.6	33
10	Surgical Treatment of 127 Paraclinoid Aneurysms with Multifarious Strategy: Factors Related with Outcome. World Neurosurgery, 2016, 85, 169-176.	1.3	32
11	Indocyanin Green Videoangiography Study of Hemangioblastomas. Canadian Journal of Neurological Sciences, 2011, 38, 41-47.	0.5	29
12	Feasibility of 4D Flow MR Imaging of the Brain with Either Cartesian y-z Radial Sampling or k-t SENSE: Comparison with 4D Flow MR Imaging using SENSE. Magnetic Resonance in Medical Sciences, 2014, 13, 15-24.	2.0	28
13	Spontaneous Intraventricular Hemorrhage Caused by Lateral Ventricular Meningioma â€"Case Reportâ€". Neurologia Medico-Chirurgica, 1996, 36, 586-589.	2.2	27
14	Persistent Primitive Trigeminal Artery Aneurysm Associated With Cerebellar Hemangioblastoma-Case Report-. Neurologia Medico-Chirurgica, 2006, 46, 143-146.	2.2	26
15	Serum Glucose and Potassium Ratio as Risk Factors for Cerebral Vasospasm after Aneurysmal Subarachnoid Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 1951-1957.	1.6	26
16	Environmental and Clinical Risk Factors for Delirium in a Neurosurgical Center: A Prospective Study. World Neurosurgery, 2017, 103, 424-430.	1.3	25
17	Preoperative liquid embolization of cerebeller hemangioblastomas using N-butyl cyanoacrylate. Neuroradiology, 2012, 54, 981-988.	2.2	24
18	Indocyanine Green Videoangiography of Optic Cavernous Angioma -Case Report-. Neurologia Medico-Chirurgica, 2011, 51, 296-298.	2.2	23

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19	4D flow MRI assessment of extracranial-intracranial bypass: qualitative and quantitative evaluation of the hemodynamics. Neuroradiology, 2016, 58, 237-244.	2.2	22
20	Quantitative Comparison of the Intraoperative Utility of Indocyanine Green and Fluorescein Videoangiographies in Cerebrovascular Surgery. Operative Neurosurgery, 2017, 13, 361-366.	0.8	18
21	Intraoperative Matas Test Using Microscope-Integrated Intraoperative Indocyanine Green Videoangiography with Temporary Unilateral Occlusion of the A1 Segment of the Anterior Cerebral Artery. World Neurosurgery, 2011, 76, 477.e7-477.e10.	1.3	17
22	Long-term patency of superficial temporal artery to middle cerebral artery bypass for cerebral atherosclerotic disease: factors determining the bypass patent. Neurosurgical Review, 2016, 39, 655-661.	2.4	17
23	Four-Dimensional Flow MRI Analysis of Cerebral Blood Flow Before and After High-Flow Extracranialâ€“Intracranial Bypass Surgery With Internal Carotid Artery Ligation. Neurosurgery, 2019, 85, 58-64.	1.1	17
24	Retroperitoneal Hematoma as a Serious Complication of Endovascular Aneurysmal Coiling. Journal of Korean Neurosurgical Society, 2010, 48, 88.	1.2	17
25	Spontaneous regression of a germinoma in the pineal body after placement of a ventriculoperitoneal shunt. Journal of Neurosurgery, 2000, 93, 884-886.	1.6	16
26	Surgical Technique for the Prevention of Cerebrospinal Fluid Leakage After Bifrontal Craniotomy. World Neurosurgery, 2014, 81, 344-347.	1.3	16
27	Radial artery grafts for symptomatic cavernous carotid aneurysms in elderly patients. Neurology India, 2011, 59, 537.	0.4	15
28	Assessment of Cerebral Circulation in the Acute Phase of Subarachnoid Hemorrhage Using Perfusion Computed Tomography. Journal of Nippon Medical School, 2013, 80, 110-118.	0.9	14
29	Supratentorial extraventricular anaplastic ependymoma in an adult with repeated intratumoral hemorrhage. Brain Tumor Pathology, 2014, 31, 138-143.	1.7	14
30	Intraoperative middle cerebral artery pressure measurements during superficial temporal artery to middle cerebral artery bypass procedures in patients with cerebral atherosclerotic disease. Journal of Neurosurgery, 2016, 125, 1367-1373.	1.6	13
31	4D Flow MR Imaging of Ophthalmic Artery Flow in Patients with Internal Carotid Artery Stenosis. Magnetic Resonance in Medical Sciences, 2018, 17, 13-20.	2.0	13
32	Indocyanin green videoangiography study of hemangioblastomas. Canadian Journal of Neurological Sciences, 2011, 38, 41-7.	0.5	13
33	Ruptured Aneurysm of the Orbito frontal Artery Associated With Dural Arteriovenous Malformation in the Anterior Cranial Fossa â€"Case Reportâ€". Neurologia Medico-Chirurgica, 1999, 39, 157-160.	2.2	12
34	Posttraumatic Carotid-Cavernous Fistulae Treated by Internal Carotid Artery Trapping and High-Flow Bypass Using a Radial Artery Graft -Two Case Reports-. Neurologia Medico-Chirurgica, 2011, 51, 113-116.	2.2	12
35	Teflon granuloma after microvascular decompression for hemifacial spasm: a case report and literature review. Neurosurgical Review, 2017, 40, 513-516.	2.4	12
36	Recovery of Visual and Ophthalmologic Symptoms After Treating Large or Giant Internal Carotid Artery Aneurysm by High-Flow Bypass with Cervical Ligation. World Neurosurgery, 2017, 98, 182-188.	1.3	12

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37	Anterior communicating artery aneurysm in the sella turcica: case report. World Neurosurgery, 2004, 62, 69-71.	1.3	10
38	Perioperative complications of superficial temporal artery to middle cerebral artery bypass for the treatment of complex middle cerebral artery aneurysms. Clinical Neurology and Neurosurgery, 2013, 115, 718-724.	1.4	10
39	Reversible cerebral vasoconstriction syndrome associated with subarachnoid hemorrhage triggered by hydroxyzine pamoate. Clinical Neurology and Neurosurgery, 2013, 115, 2189-2191.	1.4	9
40	Olfactory preservation during anterior interhemispheric approach for anterior skull base lesions: technical note. Neurosurgical Review, 2016, 39, 63-69.	2.4	9
41	Retrograde suction decompression of a large internal carotid aneurysm using a balloon guide catheter combined with a blood-returning circuit and STA-MCA bypass: a technical note. Neurosurgical Review, 2017, 40, 351-355.	2.4	8
42	Multiparametric flow analysis using four-dimensional flow magnetic resonance imaging can detect cerebral hemodynamic impairment in patients with internal carotid artery stenosis. Neuroradiology, 2020, 62, 1421-1431.	2.2	8
43	Evaluation of Patency After Vascular Anastomosis Using Quantitative Evaluation of Visualization Time in Indocyanine Green Video Angiography. World Neurosurgery, 2018, 110, e699-e709.	1.3	7
44	Spontaneous angiographic regression of cerebral arteriovenous malformations.-angiographical disappearance is not the real cure-. Turkish Neurosurgery, 2014, 25, 168-73.	0.2	7
45	A simple technique to prevent and correct graft vessel kinking in the subcutaneous tunnel: Technical note. Clinical Neurology and Neurosurgery, 2011, 113, 835-838.	1.4	6
46	Analysis of ischemic cerebral lesions using 3.0-T diffusion-weighted imaging and magnetic resonance angiography after revascularization surgery for ischemic disease. Clinical Neurology and Neurosurgery, 2013, 115, 1063-1070.	1.4	6
47	Pathophysiology and management of intracranial arterial stenosis around the circle of Willis associated with hyperthyroidism: case reports and literature review. Neurosurgical Review, 2014, 37, 347-356.	2.4	6
48	4D flow preliminary investigation of a direct carotid cavernous fistula due to a ruptured intracavernous aneurysm. BMJ Case Reports, 2015, 2015, bcr2014206084-bcr2014206084.	0.5	6
49	Treatment Strategies of Subarachnoid Hemorrhage from Bilateral Vertebral Artery Dissection: A Case Report and Literature Review Focusing on the Availability of Stent Placement. World Neurosurgery, 2017, 106, 1050.e11-1050.e20.	1.3	6
50	Intracerebral Hemorrhage Caused by Cerebral Hyperperfusion after Superficial Temporal Artery to Middle Cerebral Artery Bypass for Atherosclerotic Occlusive Cerebrovascular Disease. NMC Case Report Journal, 2017, 4, 27-32.	0.5	6
51	Letter by Murai et al Regarding Article, â€œSpot Sign in Acute Intracerebral Hemorrhage in Dynamic T1-Weighted Magnetic Resonance Imagingâ€• Stroke, 2016, 47, e84.	2.0	5
52	The feasibility of detecting cerebral blood flow direction using the indocyanine green video angiography. Neurosurgical Review, 2016, 39, 685-690.	2.4	5
53	Cerebral Aneurysm Associated with an Arachnoid Cyst: 3 Case Reports and a Systematic Review of the Literature. World Neurosurgery, 2018, 109, e203-e209.	1.3	5
54	Petrous Internal Carotid Artery Aneurysm: A Systematic Review. Journal of Nippon Medical School, 2020, 87, 172-183.	0.9	5

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55	Open surgical embolectomy for cardiogenic cerebral embolism: Technical note and its advantages. Journal of Clinical Neuroscience, 2021, 89, 206-210.	1.5	5
56	Infantile Cerebellar Pilocytic Astrocytoma with Autism Spectrum Disorder. Journal of Nippon Medical School, 2012, 79, 228-231.	0.9	5
57	Utility of the Orbitocranial Approach for Clipping of Anterior Communicating Artery Aneurysms: Significance of Dissection of the Interhemispheric Fissure and the Sylvian Fissure. Journal of Nippon Medical School, 2011, 78, 77-83.	0.9	4
58	Long-Lasting Narrowing of the Parent Artery after Bilateral Clipping of Mirror-image Aneurysms of Distal Anterior Cerebral Arteries: A Case Report. Journal of Nippon Medical School, 2011, 78, 178-183.	0.9	4
59	4D Flow Preliminary Investigation for Anterior Fossa Dural Arteriovenous Fistula. Canadian Journal of Neurological Sciences, 2014, 41, 656-658.	0.5	4
60	Target-controlled infusion technique with indocyanine green videoangiography for radial artery graft. Clinical Neurology and Neurosurgery, 2014, 119, 70-74.	1.4	4
61	Microcystic Meningioma with Late-phase Accumulation on Thallium-201 Single-photon Emission Computed Tomography: Case Report. Neurologia Medico-Chirurgica, 2014, 54, 686-689.	2.2	4
62	Radiological findings of transorbital penetrating intracranial injury in a child. Child's Nervous System, 2017, 33, 2061-2064.	1.1	4
63	Radial Artery Graft for Giant Common Carotid Artery Pseudoaneurysm After Carotid Artery Stenting. World Neurosurgery, 2020, 139, 401-404.	1.3	4
64	Cerebral artery restenosis following transluminal balloon angioplasty for vasospasm after subarachnoid hemorrhage. , 2011, 2, 43.		4
65	Assessing the development status of intraoperative fluorescence imaging for perfusion assessments, using the IDEAL framework. BMJ Surgery, Interventions, and Health Technologies, 2021, 3, e000088.	0.9	4
66	Atypical Radiological and Intraoperative Findings of Acute Cerebral Hemorrhage Caused by Ruptured Cerebral Aneurysm in a Patient with Severe Chronic Anemia. Journal of Nippon Medical School, 2014, 81, 264-268.	0.9	3
67	Bilateral suboccipital approach for a giant vertebral artery aneurysm. Journal of Clinical Neuroscience, 2017, 45, 315-318.	1.5	3
68	Cross-Comparison of 4-Dimensional Flow Magnetic Resonance Imaging and Intraoperative Middle Cerebral Artery Pressure Measurements Before and After Superficial Temporal Artery-Middle Cerebral Artery Bypass Surgery. Neurosurgery, 2021, 89, 909-916.	1.1	3
69	Lesion Trapping with High-Flow Bypass for Ruptured Internal Carotid Artery Blood Blisterâ€“Like Aneurysm Has Little Impact on the Anterior Choroidal Artery Flow: Case Series and Literature Review. World Neurosurgery, 2021, 153, e226-e236.	1.3	3
70	Role of RNF213 polymorphism in defining quasi-moyamoya disease and definitive moyamoya disease. Neurosurgical Focus, 2021, 51, E2.	2.3	3
71	Treatment of Complex Internal Carotid Artery Aneurysms Using Radial Artery Grafts: Surgical Technique, Perioperative Complications, and Results in 17 Patients. Surgery for Cerebral Stroke, 2007, 35, 387-393.	0.0	3
72	3.0-t diffusion images after clipping of middle cerebral artery aneurysm.. Turkish Neurosurgery, 2013, 23, 772-7.	0.2	3

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73	Management in Acute Subarachnoid Hemorrhage. Japanese Journal of Neurosurgery, 1999, 8, 161-167.	0.0	3
74	Evaluation of Aneurysmal Clipping by Advanced Microscope-integrated Intraoperative Indocyanine Green Videoangiography. Japanese Journal of Neurosurgery, 2009, 18, 839-843.	0.0	2
75	Subarachnoid Hemorrhage of Unknown Etiology along the Cortical Convexity. Journal of Nippon Medical School, 2012, 79, 301-306.	0.9	2
76	Fluorescence Angiography with Temporary Occlusion to Confirm the Distal Artery: Technical Notes. Neurologia Medico-Chirurgica, 2015, 55, 683-688.	2.2	2
77	Reuse of a Reversed â€œBone Padâ€•to Perforate Incompletely Penetrated Burr Holes Created by Automatic-Releasing Cranial Perforators. Operative Neurosurgery, 2017, 13, 324-328.	0.8	2
78	Incision of the anterior petroclinoidal fold during clipping for securing the proximal space of an internal carotid arteryâ€“posterior communicating artery aneurysm: a technical note. Neurosurgical Review, 2019, 42, 777-781.	2.4	2
79	Efficacy of Thyrotropin-Releasing Hormone Analog for Protracted Disturbance of Consciousness due to Aneurysmal Subarachnoid Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 988-993.	1.6	2
80	White Matter Lesions as Brain Frailty and Age are Risk Factors for Surgical Clipping of Unruptured Intracranial Aneurysms in the Elderly. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105121.	1.6	2
81	Risk factors for ischemic complications in vascular reconstructive surgeries. Clinical Neurology and Neurosurgery, 2020, 193, 105768.	1.4	2
82	Four-dimensional Flow Magentic Resonance Imaging Assessment of Hemodynamics in Patients after Extracranial-Intracranial Bypass Surgery. Journal of Nippon Medical School, 2013, 80, 2-3.	0.9	2
83	Long-term Outcomes of Internal Carotid Artery Disease Treated Using Radial Artery Graft. Surgery for Cerebral Stroke, 2009, 37, 369-374.	0.0	2
84	Investigation of Objectivity in Scoring and Evaluating Microvascular Anastomosis Simulation Training. Neurologia Medico-Chirurgica, 2021, 61, 750-757.	2.2	2
85	Occlusion of the ascending pharyngeal artery during carotid artery surgery: importance and technique. Turkish Neurosurgery, 2014, 24, 546-8.	0.2	2
86	The ivy sign on fluid attenuated inversion recovery images related to single-photon emission computed tomography cerebral blood flow in moyamoya disease–a case report. Turkish Neurosurgery, 2017, 29, 598-602.	0.2	2
87	Ring finger protein 213 c.14576G>A mutation is not involved in internal carotid artery and middle cerebral artery dysplasia. Scientific Reports, 2021, 11, 22163.	3.3	2
88	Rapidly progressive brain atrophy in septic ICU patients: a retrospective descriptive study using semiautomatic CT volumetry. Critical Care, 2021, 25, 411.	5.8	2
89	Anomalous Internal Carotid Anastomosis to Contralateral Anterior Cerebral Artery. Canadian Journal of Neurological Sciences, 2005, 32, 359-360.	0.5	1
90	Aneurysm Tears Caused by an Aneurysm Clip Springing from the Clip Applier. Canadian Journal of Neurological Sciences, 2017, 44, 326-328.	0.5	1

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91	Optical effects on the surrounding structure during quantitative analysis using indocyanine green videoangiography: A phantom vessel study. Journal of Biophotonics, 2018, 11, e201700254.	2.3	1
92	MRI Punctate Sign and CTA Spot Sign for Primary Intracerebral Hemorrhage. Neurologist, 2020, 25, 17-17.	0.7	1
93	A case of suspected low-pressure hydrocephalus caused by spinal drainage following subarachnoid hemorrhage. Journal of Nippon Medical School, 2021, , .	0.9	1
94	Vertebral artery V3 portion-radial artery-distal common carotid artery (V3-RA-dCCA) bypass for large basilar trunk aneurysm with bilateral proximal common carotid artery occlusionâ€”technical note. Acta Neurochirurgica, 2022, 164, 1031-1035.	1.7	1
95	RNF213 c.14576G>A Is Associated with Intracranial Internal Carotid Artery Saccular Aneurysms. Genes, 2021, 12, 1468.	2.4	1
96	Basic Techniques and Perioperative Care of Radial Artery Graft: Lessons Learned from 130 Cases. Surgery for Cerebral Stroke, 2019, 47, 6-11.	0.0	1
97	Case Report: A Case of Moyamoya Syndrome Associated With Multiple Endocrine Neoplasia Type 2A. Frontiers in Endocrinology, 2021, 12, 703410.	3.5	1
98	Acoustic Neurinoma with Synchronous Ipsilateral Cerebellopontine Angle Lipoma: A Case Report and Review of the Literature. Diagnostics, 2022, 12, 120.	2.6	1
99	Contest-style evaluation for the objective assessment of microsurgical techniques: an observational study. Journal of Nippon Medical School, 2022, , .	0.9	1
100	Factors Influencing Long-Term Blood Flow in Extracranial-to-Intracranial Bypass for Symptomatic Internal Carotid Artery Occlusive Disease: A Quantitative Study. Neurosurgery, 2022, Publish Ahead of Print, .	1.1	1
101	Preliminary Clinical Surgical Experience with Temporary Simultaneous Use of an Endoscope during Exoscopic Neurosurgery: An Observational Study. Journal of Clinical Medicine, 2022, 11, 1753.	2.4	1
102	Safe Resection of Hemangioblastoma Using Indocyanine Green Videoangiograghy. , 2013, , 285-290.		0
103	Internal Carotid Artery Aneurysm Anomalously Originating from the Posterior Communicating Artery. World Neurosurgery, 2015, 84, 2078.e9-2078.e11.	1.3	0
104	An Unruptured Aneurysm Coexisting with an Infundibular Dilatation: A Case Report. Journal of Nippon Medical School, 2016, 83, 268-271.	0.9	0
105	Protection Device Made of a Modified Syringe for Muscle Protection During Cranial Perforation: Technical Note. World Neurosurgery, 2016, 89, 33-36.	1.3	0
106	Letter by Murai Regarding Article, â€œLeakage Sign for Primary Intracerebral Hemorrhage: A Novel Predictor of Hematoma Growthâ€• Stroke, 2016, 47, e211.	2.0	0
107	An Irrigation Suction System Using a Pressurized Fluid High-Flow Pump System in Comparison with a Standard Cuff Pressure System: Technical Note. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2016, 77, 264-268.	0.8	0
108	Second Free Flap Surgery for Skull Base Tumors: Case Report and Literature Review. Journal of Nippon Medical School, 2019, 86, 248-253.	0.9	0

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109	Multiple Intracranial Aneurysms associated with Neurofibromatosis : A Case Report. Japanese Journal of Neurosurgery, 1996, 5, 296-300.	0.0	0
110	Anterior Communicating Artery Aneurysm associated with an Accessory Middle Cerebral Artery: A Case Report. Japanese Journal of Neurosurgery, 1997, 6, 205-208.	0.0	0
111	ROLE OF EXCESSIVE FIBRINOLYSIS IN PATIENTS WITH SEVERE HEAD INJURY. Critical Care Medicine, 1999, 27, 78A.	0.9	0
112	Conductive Hearing Loss in Two Patients Caused by Hemotympanum after Frontotemporal Craniotomy. Surgery for Cerebral Stroke, 2016, 44, 229-234.	0.0	0
113	An Objective Assessment of the Microsurgical Techniques Using an Artificial Vessel Model. Surgery for Cerebral Stroke, 2020, 48, 397-400.	0.0	0
114	Multiparametric Flow Analysis using 4D Flow MRI can Detect Cerebral Hemodynamic Impairment in Patients with Internal Carotid Artery Stenotic Disease [Presidential Award Proceedings]. Japanese Journal of Magnetic Resonance in Medicine, 2020, 40, 36-38.	0.0	0
115	Subcutaneous Emphysema of the Orbit after Nose-Blowing. Reports, 2022, 5, 21.	0.5	0