

Satoru Takeuchi

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

1,047
citations

471371

17
h-index

552653

26
g-index

106
all docs

106
docs citations

106
times ranked

1469
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixed pial and dural arteriovenous fistula after craniotomy: case report and literature review. <i>British Journal of Neurosurgery</i> , 2023, 37, 836-839.	0.4	3
2	Oculomotor Palsy Caused by Aberrant Posterior Cerebral Artery. <i>Internal Medicine</i> , 2022, , .	0.3	0
3	Intravenous Hydrogen Therapy With Intracisternal Magnesium Sulfate Infusion in Severe Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2021, 52, 20-27.	1.0	22
4	Ruptured Dissecting Aneurysm of the Carotid Artery 12 Years after Gamma Knife Therapy for Pituitary Adenoma. <i>Journal of Neuroendovascular Therapy</i> , 2021, 15, 32-37.	0.1	0
5	Superior effectiveness of a newly developed nonadherent polyurethane-coated surgical patty for hemostasis. <i>Journal of Innovative Optical Health Sciences</i> , 2021, 16, 507-511.	0.5	1
6	Clinical Features of Unruptured Internal Carotid Artery Aneurysms Presenting with Oculomotor Nerve Palsy. <i>Surgery for Cerebral Stroke</i> , 2021, 49, 292-296.	0.0	0
7	Usefulness and feasibility of repeated tail artery cannulations in the rat. <i>Blood Pressure Monitoring</i> , 2021, 26, 230-233.	0.4	0
8	Behavioral and Histopathological Impairments Caused by Topical Exposure of the Rat Brain to Mild-Impulse Laser-Induced Shock Waves: Impulse Dependency. <i>Frontiers in Neurology</i> , 2021, 12, 621546.	1.1	3
9	Local Application of Magnesium Sulfate Solution Suppressed Cortical Spreading Ischemia and Reduced Brain Damage in a Rat Subarachnoid Hemorrhage-Mimicking Model. <i>World Neurosurgery</i> , 2021, 155, e704-e715.	0.7	2
10	Diagnosis and Treatment of Adolescent Mild Traumatic Brain Injury : Based on 4th Edition Guidelines for Diagnosis and Treatment of Traumatic Brain Injury. <i>Japanese Journal of Neurosurgery</i> , 2021, 30, 706-711.	0.0	0
11	Limited Indications for Clipping Surgery of Paraclinoid Aneurysm Based on Long-Term Visual Morbidity. <i>World Neurosurgery</i> , 2020, 134, e153-e161.	0.7	8
12	A Case of Meningioma Originating from the Oculomotor Nerve. <i>World Neurosurgery</i> , 2020, 143, 197-201.	0.7	2
13	Hydrogen gas inhalation improves delayed brain injury by alleviating early brain injury after experimental subarachnoid hemorrhage. <i>Scientific Reports</i> , 2020, 10, 12319.	1.6	13
14	Enhanced Malignant Phenotypes of Glioblastoma Cells Surviving NPe6-Mediated Photodynamic Therapy are Regulated via ERK1/2 Activation. <i>Cancers</i> , 2020, 12, 3641.	1.7	10
15	Effective Combined Use of Rigid and Flexible Endoscopes for Evacuation of Casting Intraventricular Hematoma. <i>Surgery for Cerebral Stroke</i> , 2020, 48, 427-433.	0.0	0
16	Troubleshooting Techniques for Cerebral Aneurysm Surgery Based on "the Study of Failure" Surgery for Cerebral Stroke, 2020, 48, 96-102.	0.0	0
17	A case of meningioma originating from the lateral wall of the cavernous sinus. <i>British Journal of Neurosurgery</i> , 2019, , 1-3.	0.4	0
18	Surgical Rescue Technique for Incomplete Burr Hole Using a Small Bone Piece and the Craniotome. <i>World Neurosurgery</i> , 2019, 130, 106-109.	0.7	1

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19	Spontaneous Regression of Germinomas After Salvage Surgery and Possible Mechanism of Induced Apoptosis. <i>World Neurosurgery</i> , 2019, 124, 178-183.	0.7	0
20	Potential Risks and Limited Indications of the Supraorbital Keyhole Approach for Clipping Internal Carotid Artery Aneurysms. <i>World Neurosurgery: X</i> , 2019, 2, 100025.	0.6	9
21	Keyhole strategy aiming at minimizing hospital stay for surgical clipping of unruptured middle cerebral artery aneurysms. <i>Journal of Neurosurgery</i> , 2019, 130, 1359-1366.	0.9	16
22	Surgical training for the management of intraoperative aneurysm rupture using a three-dimensional artificial model. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 14, 172-174.	0.5	4
23	A case of trigeminal neuralgia caused by both duplicated superior cerebellar arteries. <i>Neurology India</i> , 2019, 67, 276.	0.2	1
24	Long-Term Neurological and Radiological Results of Consecutive 63 Unruptured Anterior Communicating Artery Aneurysms Clipped via Lateral Supraorbital Keyhole Minicraniotomy. <i>Operative Neurosurgery</i> , 2018, 14, 95-103.	0.4	25
25	Intracellular cholesterol level regulates sensitivity of glioblastoma cells against temozolomide-induced cell death by modulation of caspase-8 activation via death receptor 5-accumulation and activation in the plasma membrane lipid raft. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1292-1299.	1.0	18
26	“Birdlime” technique using TachoSil tissue sealing sheet soaked with fibrin glue for sutureless vessel transposition in microvascular decompression: operative technique and nuances. <i>Journal of Neurosurgery</i> , 2018, 128, 1522-1529.	0.9	23
27	Modified Extradural Temporopolar Approach for Paraclinoid Aneurysms: Operative Nuance and Surgical Result. <i>Acta Neurochirurgica Supplementum</i> , 2018, 129, 33-37.	0.5	1
28	Superficial Temporal Artery to Anterior Cerebral Artery Hemi-bonnet Bypass Using Radial Artery Graft for Prevention of Complications after Surgical Treatment of Partially Thrombosed Large/Giant Anterior Cerebral Artery Aneurysm. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 3505-3510.	0.7	12
29	Less Invasive Modified Extradural Temporopolar Approach for Paraclinoid Lesions: Operative Technique and Surgical Results in 80 Consecutive Patients. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S347-S355.	0.4	3
30	Novel Technical Variations and Increased Adhesive Strength in the “Birdlime” Transposition Technique for Microvascular Decompression. <i>World Neurosurgery</i> , 2018, 116, e460-e468.	0.7	10
31	Involvement of Intracellular Cholesterol in Temozolomide-Induced Glioblastoma Cell Death. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 296-302.	1.0	6
32	Surgical strategies for ruptured complex aneurysms using skull base technique and revascularization surgeries. <i>Journal of Innovative Optical Health Sciences</i> , 2018, 13, 1165-1170.	0.5	3
33	Validation of effectiveness of keyhole clipping in nonfrail elderly patients with unruptured intracranial aneurysms. <i>Journal of Neurosurgery</i> , 2017, 127, 1307-1314.	0.9	16
34	Blood-oxygen-level-dependent (BOLD) functional magnetic resonance imaging (fMRI) during transcranial near-infrared laser irradiation. <i>Brain Stimulation</i> , 2017, 10, 1136-1138.	0.7	6
35	Occipital condyle syndrome as the first sign of skull metastasis from lung cancer. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 12, 145.	0.5	1
36	Agenesis of the internal carotid artery with transcavernous anastomosis associated with anterior communicating artery aneurysms. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 12, 801-803.	0.5	8

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37	Modified extradural temporopolar approach with mini-peeling of dura propria for paracaloid and/or parasellar tumors: Operative technique and nuances. , 2017, 8, 199.		3
38	Horizontal distance of anterior communicating artery aneurysm neck from anterior clinoid process is critically important to predict postoperative complication in clipping via pterional approach. , 2017, 8, 200.		3
39	Usefulness of dural surface tracing of the cortical vessels with indocyanine green videoangiography just prior to dural opening for various cerebrovascular diseases. , 2017, 8, 201.		5
40	Surgical case of intracranial osteoma arising from the falx. <i>Oncology Letters</i> , 2016, 12, 1949-1952.	0.8	7
41	Retrograde Suction Decompression for Clip Occlusion of Internal Carotid Artery Communicating Segment Aneurysms. <i>World Neurosurgery</i> , 2016, 89, 19-25.	0.7	10
42	The Technique of Using a Newly Developed Non-sticky Polyester-coated Surgical Pad to Control Bleeding from a Sutured Carotid Artery during a Carotid Endarterectomy. <i>Surgery for Cerebral Stroke</i> , 2016, 44, 469-472.	0.0	0
43	De novo formation and rupture of proximal anterior cerebral artery aneurysm associated with middle cerebral artery occlusion. <i>Acta Neurologica Belgica</i> , 2015, 115, 743-745.	0.5	2
44	Decompressive craniectomy for arteriovenous malformation-related intracerebral hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 483-487.	0.8	9
45	An Effective Method of Frontal Sinus Reconstruction After Bifrontal Craniotomy: Experience with 103 Patients. <i>World Neurosurgery</i> , 2015, 83, 907-911.	0.7	14
46	Hydrogen improves neurological function through attenuation of blood-brain barrier disruption in spontaneously hypertensive stroke-prone rats. <i>BMC Neuroscience</i> , 2015, 16, 22.	0.8	35
47	Electrocardiograph abnormalities in intracerebral hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1959-1962.	0.8	25
48	Middle cerebral artery branch occlusion mimicking an aneurysm. <i>Journal of Innovative Optical Health Sciences</i> , 2015, 10, 117-118.	0.5	5
49	Surgical removal of the solitary metastasis of renal cell carcinoma in the third ventricle using an interhemispheric transcallosal trans-choroidal approach. <i>Journal of Innovative Optical Health Sciences</i> , 2015, 10, 58-58.	0.5	5
50	Superficial temporal artery to proximal posterior cerebral artery bypass through the anterior temporal approach. , 2015, 6, 95.		22
51	Hydrogen does not exert neuroprotective effects or improve functional outcomes in rats after intracerebral hemorrhage. <i>Turkish Neurosurgery</i> , 2015, 26, 854-859.	0.1	5
52	Emergency Superficial Temporal Artery to Middle Cerebral Artery Bypass After Intravenous Administration of Tissue Plasminogen Activator for Stroke. <i>Turkish Neurosurgery</i> , 2015, 25, 633-7.	0.1	6
53	IgG4-Related Intracranial Hypertrophic Pachymeningitis : A Case Report and Review of the Literature. <i>Journal of Korean Neurosurgical Society</i> , 2014, 55, 300.	0.5	20
54	Sulfasalazine and temozolomide with radiation therapy for newly diagnosed glioblastoma. <i>Neurology India</i> , 2014, 62, 42.	0.2	33

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55	Effects of intravenous infusion of hydrogen-rich fluid combined with intra-cisternal infusion of magnesium sulfate in severe aneurysmal subarachnoid hemorrhage: study protocol for a randomized controlled trial. <i>BMC Neurology</i> , 2014, 14, 176.	0.8	19
56	Acute Posterior Fossa Epidural Hematoma in a Newborn Infant With Menkes Disease. <i>Pediatric Emergency Care</i> , 2014, 30, 117-119.	0.5	1
57	Temporal profile of plasma adiponectin level and delayed cerebral ischemia in patients with subarachnoid hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1007-1010.	0.8	8
58	Chronic Encapsulated Intracerebral Hematoma Associated with Cavernous Malformation. <i>Journal of Korean Neurosurgical Society</i> , 2014, 55, 89.	0.5	6
59	Chronic subdural hematoma associated with moyamoya disease. <i>Journal of Innovative Optical Health Sciences</i> , 2014, 9, 165-167.	0.5	5
60	HIV-associated lymphoma presenting with painful ophthalmoplegia. <i>Journal of Innovative Optical Health Sciences</i> , 2014, 12, 341.	0.5	2
61	Safety of intravenous administration of hydrogen-enriched fluid in patients with acute cerebral ischemia: initial clinical studies. <i>Medical Gas Research</i> , 2013, 3, 13.	1.2	48
62	Adiponectin and Traumatic Brain Injury. , 2013, 118, 111-114.		2
63	Localized Neurofibromas in the Bilateral Orbits. <i>Indian Journal of Surgery</i> , 2013, 75, 407-408.	0.2	5
64	Ventriculomegaly after decompressive craniectomy with hematoma evacuation for large hemispheric hypertensive intracerebral hemorrhage. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 317-322.	0.6	19
65	Is Decompressive Craniectomy a Risk Factor for Ventriculomegaly?. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 281-283.	0.5	1
66	Anterior cerebral artery dissecting aneurysm associated with untreated craniopharyngioma. <i>British Journal of Neurosurgery</i> , 2013, 27, 102-104.	0.4	11
67	Prognostic factors in patients with primary brainstem hemorrhage. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 732-735.	0.6	37
68	Hydrocephalus after decompressive craniectomy for hemispheric cerebral infarction. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 377-382.	0.8	22
69	Decompressive hemicraniectomy for spontaneous intracerebral hemorrhage. <i>Neurosurgical Focus</i> , 2013, 34, E5.	1.0	67
70	Hydrocephalus Following Decompressive Craniectomy for Ischemic Stroke. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 289-291.	0.5	8
71	Adiponectin receptor 1 expression is associated with carotid plaque stability. <i>Neurology India</i> , 2013, 61, 249.	0.2	12
72	Traumatic Hematoma of the Posterior Fossa. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 135-138.	0.5	9

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73	Increased xCT Expression Correlates With Tumor Invasion and Outcome in Patients With Glioblastomas. <i>Neurosurgery</i> , 2013, 72, 33-41.	0.6	102
74	A Better Mild Traumatic Brain Injury Model in the Rat. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 99-101.	0.5	9
75	Traumatic Basal Ganglia Hematomas: An Analysis of 20 Cases. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 139-142.	0.5	5
76	Subacute Subdural Hematoma. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 143-146.	0.5	12
77	Computed Tomography After Decompressive Craniectomy for Head Injury. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 235-237.	0.5	1
78	Decompressive Craniectomy with Hematoma Evacuation for Large Hemispheric Hypertensive Intracerebral Hemorrhage. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 277-279.	0.5	23
79	Evaluation of the Stage of Hemorrhage Using Optical Diffuse Reflectance Spectroscopy: An In Vivo Study. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 45-48.	0.5	2
80	Cerebrospinal Fluid Congestion in the Perioptic Space. <i>Acta Neurochirurgica Supplementum</i> , 2013, 118, 215-218.	0.5	1
81	A surgical case of paraclinoid carotid aneurysm associated with ipsilateral cervical internal carotid artery dissection. <i>Neurology India</i> , 2012, 60, 517.	0.2	5
82	Traumatic posterior fossa subdural hematomas. <i>Journal of Trauma</i> , 2012, 72, 480-486.	2.3	13
83	Postoperative computed tomography after surgery for head trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 1254-1260.	1.1	11
84	Abdominal Cerebrospinal Fluid Pseudocyst Surrounding a Ventriculoperitoneal Shunt. <i>Internal Medicine</i> , 2012, 51, 343-343.	0.3	2
85	Epstein-Barr Virus Encephalitis with a Reversible Splenic Lesion. <i>Internal Medicine</i> , 2012, 51, 341-342.	0.3	3
86	Expanded Subarachnoid Space of the Optic Nerve. <i>Internal Medicine</i> , 2012, 51, 229-230.	0.3	0
87	Differentiation between Vertebral Artery Hypoplasia and Occlusion. <i>Internal Medicine</i> , 2012, 51, 345-345.	0.3	4
88	Hydrogen May Inhibit Collagen-Induced Platelet Aggregation: An <i>in vivo</i> and <i>in vivo</i> Study. <i>Internal Medicine</i> , 2012, 51, 1309-1313.	0.3	15
89	Multiple Intracranial Aneurysms Associated with Hyper-IgE Syndrome. <i>Internal Medicine</i> , 2012, 51, 515-516.	0.3	5
90	Decompressive craniectomy after intravenous tissue plasminogen activator administration for stroke. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 1312-1315.	0.6	25

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91	Vestibular schwannoma with repeated intratumoral hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1305-1307.	0.8	8
92	Fourth ventricular meningioma: a case report and literature review. <i>Acta Neurologica Belgica</i> , 2012, 112, 97-100.	0.5	9
93	Large doughnut-shaped internal carotid artery aneurysm. <i>Acta Neurologica Belgica</i> , 2012, 112, 231-232.	0.5	4
94	l-Leucine induces growth arrest and persistent ERK activation in glioma cells. <i>Amino Acids</i> , 2012, 43, 717-724.	1.2	2
95	Decrease in plasma adiponectin level and increase in adiponectin immunoreactivity in cortex and hippocampus after traumatic brain injury in rats. <i>Turkish Neurosurgery</i> , 2012, 23, 349-54.	0.1	8
96	A Case of Progressing Stroke treated with a "Hemi-bonnet Bypass" A3-RA Graft-STA Anastomosis. <i>Japanese Journal of Neurosurgery</i> , 2012, 21, 489-493.	0.0	0
97	Effects of Transcranial Near-Infrared Light on Cerebral Blood Flow. <i>The Review of Laser Engineering</i> , 2012, 40, 265.	0.0	0
98	Iatrogenic Arteriovenous Fistula of the Superficial Temporal Artery After Manual Reduction of Temporomandibular Joint Dislocation. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 1959-1961.	0.3	5
99	Cerebral vasospasm after subarachnoid hemorrhage from severe arteriovenous malformation. <i>Acta Neurochirurgica</i> , 2011, 153, 1155-1155.	0.9	1
100	Herpes simplex virus encephalitis complicated by intracerebral hematoma. <i>Neurology India</i> , 2011, 59, 594.	0.2	18
101	Report of a patient with 13 intracranial aneurysms. <i>Neurology India</i> , 2011, 59, 790.	0.2	1
102	Chronic encapsulated intracerebral hematoma formation after radiosurgery for cerebral arteriovenous malformation. <i>Neurology India</i> , 2011, 59, 624.	0.2	17
103	Traumatic peritentorial subdural hematomas: a study of 32 cases. <i>Turkish Neurosurgery</i> , 2011, 22, 305-8.	0.1	3
104	Contralateral acute subdural hematoma after surgical evacuation of the initial hematoma: two case reports and review of the literature. <i>Turkish Neurosurgery</i> , 2011, 23, 294-7.	0.1	10
105	Supratentorial intraventricular hemangioblastomas. <i>Acta Neurologica Belgica</i> , 2011, 111, 353-6.	0.5	4