

# Akira Matsumura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1859024/publications.pdf>

Version: 2024-02-01

198  
papers

2,362  
citations

257101

24  
h-index

344852

36  
g-index

207  
all docs

207  
docs citations

207  
times ranked

3279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Induced Neural Cells from Human Dental Pulp Ameliorate Functional Recovery in a Murine Model of Cerebral Infarction. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 595-608.	1.7	5
2	Inducing substances for chondrogenic differentiation of dental pulp stem cells in the conditioned medium of a novel chordoma cell line. <i>Human Cell</i> , 2022, 35, 745.	1.2	2
3	The Modifying of Functional Connectivity Induced by Peripheral Nerve Field Stimulation Using Electroacupuncture for Migraine: A Prospective Clinical Study. <i>Pain Medicine</i> , 2022, 23, 1560-1569.	0.9	8
4	Polymer-Stabilized Elemental Boron Nanoparticles for Boron Neutron Capture Therapy: Initial Irradiation Experiments. <i>Pharmaceutics</i> , 2022, 14, 761.	2.0	11
5	A Ruptured Aneurysm in Aplanic or Twig-like Middle Cerebral Artery: A Case Report with Histological Investigation. <i>NMC Case Report Journal</i> , 2022, 9, 7-12.	0.2	5
6	High fibrin/fibrinogen degradation product value as a risk factor for progressive remote traumatic intracranial haemorrhage following neurosurgery. <i>British Journal of Neurosurgery</i> , 2021, 35, 749-752.	0.4	0
7	Optimization of preparation methods for high loading content and high encapsulation efficiency of BSH into liposomes. <i>Applied Radiation and Isotopes</i> , 2021, 169, 109260.	0.7	4
8	Hemagglutinating virus of Japan envelope containing programmed cell death ligand 1 siRNA inhibits immunosuppressive activities and elicits antitumor immune responses in glioma. <i>Cancer Science</i> , 2021, 112, 81-90.	1.7	9
9	Basic Research and Preclinical Evaluation of Photodynamic Therapy (PDT) for Malignant Brain Tumors to Improve Further Clinical Effectiveness. <i>Nippon Laser Igakkaishi</i> , 2021, 41, 329-335.	0.0	0
10	Long-term Durability of Coil Embolization for Unruptured Aneurysm after Introduction of the Neck-bridge Stent: Comparison between the Pre-stent Era and the Stent Era. <i>Neurologia Medico-Chirurgica</i> , 2021, 61, 204-210.	1.0	3
11	Endovascular Stent Grafting for Recurrent Strokes Due to Fragile Innominate Artery Plaque: A Case Report. <i>NMC Case Report Journal</i> , 2021, 8, 21-25.	0.2	0
12	Staged treatment protocol for gait with hybrid assistive limb in the acute phase of patients with stroke. <i>Assistive Technology</i> , 2021, , 1-7.	1.2	2
13	Exercise training using hybrid assistive limb (HAL) lumbar type for locomotive syndrome: a pilot study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 533.	0.8	10
14	Maximum resection and immunotherapy improve glioblastoma patient survival: a retrospective single-institution prognostic analysis. <i>BMC Neurology</i> , 2021, 21, 282.	0.8	7
15	Peritumoral edema status of glioblastoma identifies patients reaching long-term disease control with specific progression patterns after tumor resection and high-dose proton boost. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3503-3516.	1.2	5
16	Gold Nanoparticles Permit In Situ Absorbed Dose Evaluation in Boron Neutron Capture Therapy for Malignant Tumors. <i>Pharmaceutics</i> , 2021, 13, 1490.	2.0	8
17	Low tumor cell content predicts favorable prognosis in germinoma patients. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab110.	0.4	8
18	Detection Rate and Radiological Features of Asymptomatic Intracranial Dural Arteriovenous Fistula: Analysis of Magnetic Resonance Imaging Data of 11745 Individuals in the Japanese Brain Check-Up System. <i>Journal of Neuroendovascular Therapy</i> , 2021, 15, 787-792.	0.1	2

#	ARTICLE	IF	CITATIONS
19	A Novel Boron Lipid to Modify Liposomal Surfaces for Boron Neutron Capture Therapy. <i>Cells</i> , 2021, 10, 3421.	1.8	8
20	BOT-3 Prognostic Factors of CNS Germ Cell Tumors; Molecular and Histopathological Analyses on 154 Cases from the iGCT Consortium. <i>Neuro-Oncology Advances</i> , 2021, 3, vi8-vi9.	0.4	0
21	A Questionnaire to Assess the Challenges Faced by Women Who Quit Working as Full-Time Neurosurgeons. <i>World Neurosurgery</i> , 2020, 133, 331-342.	0.7	22
22	Combined Endoscopic Endonasal and Bilateral Subfrontal Approach for a Nonfunctioning Pituitary Adenoma Associated with an Internal Carotid Arteryâ€“Superior Hypophyseal Artery Aneurysm. <i>World Neurosurgery</i> , 2020, 134, 297-301.	0.7	5
23	Effectiveness of Low-Dose Intravenous Fentanyl for Postoperative Headache Management After Neck Clipping of Ruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , 2020, 134, e339-e345.	0.7	6
24	Proton therapy for newly diagnosed pediatric diffuse intrinsic pontine glioma. <i>Child's Nervous System</i> , 2020, 36, 507-512.	0.6	10
25	Verification for dose estimation performance of a Monte-Carlo based treatment planning system in University of Tsukuba. <i>Applied Radiation and Isotopes</i> , 2020, 166, 109222.	0.7	14
26	Evaluation of the characteristics of the neutron beam of a linac-based neutron source for boron neutron capture therapy. <i>Applied Radiation and Isotopes</i> , 2020, 165, 109246.	0.7	11
27	Highly sensitive detection of TERT promoter mutations in recurrent glioblastomas using digital PCR. <i>Brain Tumor Pathology</i> , 2020, 37, 154-158.	1.1	7
28	Differences in Muscle Synergy Symmetry Between Subacute Post-stroke Patients With Bioelectrically-Controlled Exoskeleton Gait Training and Conventional Gait Training. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 770.	2.0	20
29	Boron analysis and imaging of cells with 2-hr BPA exposure by using micro-proton particle-induced gamma-ray emission (PIGE). <i>Applied Radiation and Isotopes</i> , 2020, 165, 109334.	0.7	1
30	Quadrigeminal arachnoid cyst with perinatal encephalocele. <i>Child's Nervous System</i> , 2020, 36, 1393-1397.	0.6	7
31	Monitoring patient movement with boron neutron capture therapy and motion capture technology. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109208.	0.7	4
32	Genetic analysis in patients with newly diagnosed glioblastomas treated with interferon-beta plus temozolomide in comparison with temozolomide alone. <i>Journal of Neuro-Oncology</i> , 2020, 148, 17-27.	1.4	5
33	An Aggressive Extension of Dumbbell-Type Pediatric Skull Base Meningioma: A Case Report with Review of the Literature. <i>World Neurosurgery</i> , 2020, 139, 535-547.	0.7	4
34	Evaluation of a Novel Boron-Containing Î±-d-Mannopyranoside for BNCT. <i>Cells</i> , 2020, 9, 1277.	1.8	35
35	Antioxidant nanomedicine with cytoplasmic distribution in neuronal cells shows superior neurovascular protection properties. <i>Brain Research</i> , 2020, 1743, 146922.	1.1	4
36	Difference in BPA uptake between glioma stem-like cells and their cancerous cells. <i>Applied Radiation and Isotopes</i> , 2020, 164, 109234.	0.7	7

#	ARTICLE	IF	CITATIONS
37	Time to diagnosis and clinical characteristics in pediatric brain tumor patients. <i>Child's Nervous System</i> , 2020, 36, 2047-2054.	0.6	13
38	Computational evaluation of dose distribution for BNCT treatment combined with X-ray therapy or proton beam therapy. <i>Applied Radiation and Isotopes</i> , 2020, 165, 109295.	0.7	2
39	Retrograde three-dimensional rotational angiography: A novel method for the detection of plaque protrusion during carotid artery stenting under continuous distal balloon protection. <i>Interventional Neuroradiology</i> , 2020, 26, 316-320.	0.7	0
40	Infiltration of CD163-positive macrophages in glioma tissues after treatment with anti-PD-L1 antibody and role of PI3K $\hat{I}$ <sup>3</sup> inhibitor as a combination therapy with anti-PD-L1 antibody in in vivo model using temozolomide-resistant murine glioma-initiating cells. <i>Brain Tumor Pathology</i> , 2020, 37, 41-49.	1.1	37
41	Malignant transformation of pleomorphic xanthoastrocytoma and differential diagnosis: case report. <i>BMC Neurology</i> , 2020, 20, 21.	0.8	11
42	Infant Fistula-Type Arteriovenous Malformation with Cerebellar Hemorrhage Developed into Nidus-Type in Adolescence. <i>World Neurosurgery</i> , 2020, 136, 205-207.	0.7	0
43	Accelerator-based boron neutron capture therapy for malignant glioma: a pilot neutron irradiation study using boron phenylalanine, sodium borocaptate and liposomal borocaptate with a heterotopic U87 glioblastoma model in SCID mice. <i>International Journal of Radiation Biology</i> , 2020, 96, 868-878.	1.0	24
44	The state of neurosurgical training and education in East Asia: analysis and strategy development for this frontier of the world. <i>Neurosurgical Focus</i> , 2020, 48, E7.	1.0	22
45	Anterior cranial fossa dural arteriovenous fistula with pial arterial supply. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 15, 176-179.	0.5	4
46	Muscle synergy comparison method for evaluation of gait symmetry. <i>The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec)</i> , 2020, 2020, 2A1-I05.	0.0	0
47	LGG-40. NATURAL COURSE AND MANAGEMENT OF SMALL ASYMPTOMATIC LESION SUSPECTED OF LOW-GRADE GLIOMA IN CHILDREN. <i>Neuro-Oncology</i> , 2020, 22, iii374-iii374.	0.6	0
48	GCT-38. RELAPSE PATTERNS OF INTRACRANIAL GERMINOMAS BEFORE AND AFTER ENDOSCOPIC ERA. <i>Neuro-Oncology</i> , 2020, 22, iii335-iii335.	0.6	0
49	A Patient with a Distal Medial Lenticulostriate Artery Aneurysm and Intraventricular Hemorrhage Treated by Endovascular Treatment. <i>Journal of Neuroendovascular Therapy</i> , 2020, 14, 400-405.	0.1	0
50	Integrated clinical, histopathological, and molecular data analysis of 190 central nervous system germ cell tumors from the iGCT Consortium. <i>Neuro-Oncology</i> , 2019, 21, 1565-1577.	0.6	74
51	Pure germinoma occurring 11 years after total pineal mature teratoma removal: a case report and review of the literature. <i>Child's Nervous System</i> , 2019, 35, 2423-2426.	0.6	2
52	Feasibility and safety of Robot Suit HAL treatment for adolescents and adults with cerebral palsy. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 101-104.	0.8	17
53	Efficacy of Cardiac Rehabilitation with Assistance from Hybrid Assistive Limb in Patients with Chronic Heart Failure: Protocol for a Randomized Controlled Study. <i>Cardiology</i> , 2019, 142, 213-219.	0.6	3
54	Unusual Form of Obstructive Hydrocephalus in Association with 6q Terminal Deletion Syndrome: A Case Report and Literature Review. <i>Pediatric Neurosurgery</i> , 2019, 54, 419-423.	0.4	2

#	ARTICLE	IF	CITATIONS
55	Effectiveness of Near-Infrared Spectroscopy (NIRO-200NX, Pulse Mode) for Risk Management in Carotid Artery Stenting. <i>World Neurosurgery</i> , 2019, 131, e425-e432.	0.7	10
56	Treatment Outcomes of Burr-Hole Surgery for Chronic Subdural Hematoma in the Elderly Living Beyond Life Expectancy: A Study Comparing Cure, Recurrence, and Complications in Patients Aged ≥80 Years versus ≥79 Years. <i>World Neurosurgery</i> , 2019, 132, e812-e819.	0.7	14
57	Subependymal giant cell astrocytoma harboring a <i>PRRC2B-ALK</i> fusion: A case report. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27995.	0.8	6
58	Beam performance of the iBNCT as a compact linac-based BNCT neutron source developed by University of Tsukuba. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	7
59	Effects of a lumbar-type hybrid assistive limb on cardiopulmonary burden during squat exercise in healthy subjects. <i>Journal of Clinical Neuroscience</i> , 2019, 66, 226-230.	0.8	4
60	The Visualization Methods of Occluded Dural Sinus for Safe Transvenous Embolization of Dural AVFs. <i>World Neurosurgery</i> , 2019, 127, e337-e345.	0.7	6
61	Vestibular schwannoma extending into the tympanic cavity and jugular fossa by invasion of the petrous bone. <i>British Journal of Neurosurgery</i> , 2019, , 1-3.	0.4	1
62	Primary cavernous sinus germinoma with atypical extension pattern: a case report and review of the literature. <i>Child's Nervous System</i> , 2019, 35, 1615-1619.	0.6	0
63	RT-02 POTENTIAL OF PROTON BEAM THERAPY FOR THE TREATMENT OF GLIOBLASTOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii21-ii21.	0.4	0
64	IM-01 PI3K GAMMA INHIBITOR FOR OVERCOMING TREATMENT RESISTANCE IN COMBINATION THERAPY OF TEMOZOLOMIDE AND ANTI-PDL1 ANTIBODY FOR GLIOBLASTOMA PATIENTS. <i>Neuro-Oncology Advances</i> , 2019, 1, ii11-ii12.	0.4	0
65	ANGI-05 PATHOGENESIS OF RESISTANCE (MIMICRY AND CO-OPTION) TO ANTI-ANGIOGENIC TREATMENT FOR GLIOBLASTOMA. <i>Neuro-Oncology Advances</i> , 2019, 1, ii5-ii5.	0.4	0
66	Clinical Characteristics and Endovascular Treatment for Spinal Dural Arteriovenous Fistula in Japan: Japanese Registry of Neuroendovascular Therapy 2 and 3. <i>Neurologia Medico-Chirurgica</i> , 2019, 59, 492-497.	1.0	6
67	Huge Greater Superficial Petrosal Nerve Schwannoma with Intradural Peritumoral Cyst. <i>World Neurosurgery</i> , 2019, 122, 85-89.	0.7	2
68	Genetic evidence implies that primary and relapsed tumors arise from common precursor cells in primary central nervous system lymphoma. <i>Cancer Science</i> , 2019, 110, 401-407.	1.7	20
69	Stroke Mimics and Accuracy of Referrals Made by Emergency Department Doctors in Japan for Patients with Suspected Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1078-1084.	0.7	1
70	Intensive Gait Treatment Using a Robot Suit Hybrid Assistive Limb in Acute Spinal Cord Infarction: Report of Two Cases. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 395-401.	0.7	22
71	Voluntary ambulation using voluntary upper limb muscle activity and Hybrid Assistive Limb® (HAL®) in a patient with complete paraplegia due to chronic spinal cord injury: A case report. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 460-468.	0.7	4
72	Walking ability following hybrid assistive limb treatment for a patient with chronic myelopathy after surgery for cervical ossification of the posterior longitudinal ligament. <i>Journal of Spinal Cord Medicine</i> , 2019, 42, 128-136.	0.7	17

#	ARTICLE	IF	CITATIONS
73	Effects of Gait Treatment With a Single-Leg Hybrid Assistive Limb System After Acute Stroke: A Non-randomized Clinical Trial. <i>Frontiers in Neuroscience</i> , 2019, 13, 1389.	1.4	9
74	Effectiveness of a Walking Program Involving the Hybrid Assistive Limb Robotic Exoskeleton Suit for Improving Walking Ability in Stroke Patients: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2019, 8, e14001.	0.5	6
75	Treatment outcomes of cerebral aneurysms presenting with optic neuropathy: A retrospective case series. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 14, 499.	0.5	3
76	Microsurgical Clipping for Previously Coiled Intracranial Aneurysms with Special Reference to Aneurysmal Collapsibility. <i>Surgery for Cerebral Stroke</i> , 2019, 47, 231-235.	0.0	0
77	Development of LINAC-Based Neutron Source for Boron Neutron Capture Therapy in University of Tsukuba. <i>Plasma and Fusion Research</i> , 2018, 13, 2406006-2406006.	0.3	24
78	Radiobiological response of U251MG, CHO-K1 and V79 cell lines to accelerator-based boron neutron capture therapy. <i>Journal of Radiation Research</i> , 2018, 59, 101-107.	0.8	29
79	Combined Endoscopic Endonasal and Transoral Surgery for a Chordoma in the Whole Clivus With Marked Caudal Extension. <i>Operative Neurosurgery</i> , 2018, 14, 463-464.	0.4	2
80	DEVELOPMENT OF A MULTIMODAL MONTE CARLO BASED TREATMENT PLANNING SYSTEM. <i>Radiation Protection Dosimetry</i> , 2018, 180, 286-290.	0.4	13
81	MyD88 Mutation in Elderly Predicts Poor Prognosis in Primary Central Nervous System Lymphoma: Multi-Institutional Analysis. <i>World Neurosurgery</i> , 2018, 112, e69-e73.	0.7	26
82	Clinical significance of disease-specific MYD88 mutations in circulating DNA in primary central nervous system lymphoma. <i>Cancer Science</i> , 2018, 109, 225-230.	1.7	57
83	Diffusely Infiltrating Cerebellar Anaplastic Astrocytoma Effectively Controlled with Bevacizumab: Case Report and Literature Review. <i>World Neurosurgery</i> , 2018, 115, 181-185.	0.7	3
84	Spinal Cord Infarction in the Region of the Posterior Spinal Artery After Embolization for Vertebral Artery Dissection. <i>Operative Neurosurgery</i> , 2018, 15, 701-710.	0.4	12
85	Clinical Effect of C2 Peripheral Nerve Field Stimulation Using Electroacupuncture for Primary Headache. <i>Neuromodulation</i> , 2018, 21, 793-796.	0.4	10
86	JCOG0911 INTEGRA study: a randomized screening phase II trial of interferon- $\gamma$ plus temozolomide in comparison with temozolomide alone for newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 138, 627-636.	1.4	49
87	Potential use of prostate specific membrane antigen (PSMA) for detecting the tumor neovasculature of brain tumors by PET imaging with $^{89}\text{Zr}$ -Df-IAB2M anti-PSMA minibody. <i>Journal of Neuro-Oncology</i> , 2018, 138, 581-589.	1.4	58
88	Prognostic analysis of patients who underwent gross total resection of newly diagnosed glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 172-176.	0.8	14
89	The Hybrid Assistive Limb <sup>®</sup> intervention for a postoperative patient with spinal dural arteriovenous fistula and chronic spinal cord injury: A case study. <i>Journal of Spinal Cord Medicine</i> , 2018, 41, 710-717.	0.7	15
90	Endovascular Treatment for Basilar Artery Occlusion Caused by Radiation-induced Vertebral Artery Stenosis: Case Report. <i>Journal of Neuroendovascular Therapy</i> , 2018, 12, 247-253.	0.1	0

#	ARTICLE	IF	CITATIONS
91	Regular medications prescribed to elderly neurosurgical inpatients and the impact of hospitalization on potentially inappropriate medications. <i>Journal of Rural Medicine: JRM</i> , 2018, 13, 97-104.	0.2	4
92	Atypical chronological changes on neuroimaging in the epidermoid in the frontal lobe with intracystic hemorrhage and tumor growth: Case report. <i>Radiology Case Reports</i> , 2018, 13, 1133-1136.	0.2	4
93	Complications after stereotactic radiosurgery for brain metastases: Incidences, correlating factors, treatments and outcomes. <i>Radiotherapy and Oncology</i> , 2018, 129, 364-369.	0.3	13
94	Treatment Strategy Based on Plaque Vulnerability and the Treatment Risk Evaluation for Internal Carotid Artery Stenosis. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 191-198.	1.0	7
95	Hybrid Assistive Limb Intervention in a Patient with Late Neurological Deterioration after Thoracic Myelopathy Surgery due to Ossification of the Ligamentum Flavum. <i>Case Reports in Orthopedics</i> , 2018, 2018, 1-10.	0.1	4
96	Concomitant administration of radiation with eribulin improves the survival of mice harboring intracerebral glioblastoma. <i>Cancer Science</i> , 2018, 109, 2275-2285.	1.7	14
97	Opportunities for Using an Accelerator-Based Epithelial Neutron Source for Boron Neutron Capture Therapy. <i>Bio-Medical Engineering</i> , 2018, 52, 73-76.	0.3	6
98	Polycomplexes of Hyaluronic Acid and Borates in a Solid State and Solution: Synthesis, Characterization and Perspectives of Application in Boron Neutron Capture Therapy. <i>Polymers</i> , 2018, 10, 181.	2.0	14
99	Clinical significance of conformity index and gradient index in patients undergoing stereotactic radiosurgery for a single metastatic tumor. <i>Journal of Neurosurgery</i> , 2018, 129, 103-110.	0.9	18
100	Abstract WMP119: Neurovascular Unit Protection Using Nitroxide Radicals-containing Nanoparticles (TEMPO-RNP) for Cerebral Ischemia-reperfusion Injury in Mice. <i>Stroke</i> , 2018, 49, .	1.0	0
101	Cardiac embolization caused by free-floating thrombus at kinking internal carotid artery: a case report. <i>Nosotchu</i> , 2018, 40, 19-23.	0.0	0
102	Clinical study of robot suit HAL for patients with stroke in the acute phase. <i>Nosotchu</i> , 2018, 40, 112-116.	0.0	0
103	Usefulness of intraoperative ultrasonography: a case report of idiopathic spinal cord herniation. <i>Neurosonology</i> , 2018, 31, 18-21.	0.0	0
104	Primary meningeal myxoid liposarcoma with aggressive behavior after recurrence: case report. <i>Acta Neurochirurgica</i> , 2018, 160, 1557-1561.	0.9	2
105	Gait training of subacute stroke patients using a hybrid assistive limb: a pilot study. <i>Disability and Rehabilitation: Assistive Technology</i> , 2017, 12, 197-204.	1.3	36
106	The voluntary driven exoskeleton Hybrid Assistive Limb (HAL) for postoperative training of thoracic ossification of the posterior longitudinal ligament: a case report. <i>Journal of Spinal Cord Medicine</i> , 2017, 40, 361-367.	0.7	29
107	Genome-wide methylation profiles in primary intracranial germ cell tumors indicate a primordial germ cell origin for germinomas. <i>Acta Neuropathologica</i> , 2017, 133, 445-462.	3.9	64
108	The anti-angiogenic role of soluble-form VEGF receptor in malignant gliomas. <i>International Journal of Oncology</i> , 2017, 50, 515-524.	1.4	12

#	ARTICLE	IF	CITATIONS
109	Assessment of PD-1 positive cells on initial and secondary resected tumor specimens of newly diagnosed glioblastoma and its implications on patient outcome. <i>Journal of Neuro-Oncology</i> , 2017, 133, 277-285.	1.4	39
110	Efficacy of bevacizumab therapy in recurrent malignant gliomas in relation to the prior recurrence pattern or tumor location. <i>Journal of Clinical Neuroscience</i> , 2017, 40, 115-119.	0.8	5
111	Active elbow flexion is possible in C4 quadriplegia using hybrid assistive limb (HAL®) technology: A case study. <i>Journal of Spinal Cord Medicine</i> , 2017, 40, 456-462.	0.7	18
112	Effects of gait training using the Hybrid Assistive Limb® in recovery-phase stroke patients: A 2-month follow-up, randomized, controlled study. <i>NeuroRehabilitation</i> , 2017, 40, 363-367.	0.5	53
113	Early retreatment after surgical clipping of ruptured intracranial aneurysms. <i>Acta Neurochirurgica</i> , 2017, 159, 1627-1632.	0.9	4
114	Neurovascular Unit Protection From Cerebral Ischemia—Reperfusion Injury by Radical-Containing Nanoparticles in Mice. <i>Stroke</i> , 2017, 48, 2238-2247.	1.0	61
115	Decrease of spasticity after hybrid assistive limb® training for a patient with C4 quadriplegia due to chronic SCI. <i>Journal of Spinal Cord Medicine</i> , 2017, 40, 573-578.	0.7	34
116	A brain phantom for motion-corrected PROPELLER showing image contrast and construction similar to those of in vivo MRI. <i>Magnetic Resonance Imaging</i> , 2017, 36, 32-39.	1.0	8
117	MYD88 (L265P) mutation is associated with an unfavourable outcome of primary central nervous system lymphoma. <i>British Journal of Haematology</i> , 2017, 177, 492-494.	1.2	42
118	Long-term results of cabergoline therapy for macroprolactinomas and analyses of factors associated with remission after withdrawal. <i>Clinical Endocrinology</i> , 2017, 86, 207-213.	1.2	17
119	Neuromodulation : Present Features and Perspectives. <i>Japanese Journal of Neurosurgery</i> , 2017, 26, 864-872.	0.0	1
120	Intradiploic Arachnoid Cyst with Meningothelial Hyperplasia: A Case Report. <i>NMC Case Report Journal</i> , 2017, 4, 19-22.	0.2	1
121	Recent Trends in Neuro-endovascular Treatment for Acute Ischemic Stroke, Cerebral Aneurysms, Carotid Stenosis, and Brain Arteriovenous Malformations. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 253-260.	1.0	8
122	Prospect of Immunotherapy for Glioblastoma: Tumor Vaccine, Immune Checkpoint Inhibitors and Combination Therapy. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 321-330.	1.0	16
123	A single institutional retrospective evaluation for younger patients with primary central nervous lymphomas on a modified R-MPV regimen followed by radiotherapy and high dose cytarabine. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2017, 57, 41-46.	0.3	10
124	Combined simultaneous transcranial and endoscopic endonasal resection of sphenoorbital meningioma extending into the sphenoid sinus, pterygopalatine fossa, and infratemporal fossa. , 2017, 8, 185.		8
125	Simulated Clipping of Cerebral Aneurysm with Two Types of Three-dimensional Models. <i>Surgery for Cerebral Stroke</i> , 2017, 45, 451-457.	0.0	1
126	Early clinical experience utilizing scintillator with optical fiber (SOF) detector in clinical boron neutron capture therapy: its issues and solutions. <i>Radiation Oncology</i> , 2016, 11, 105.	1.2	17

#	ARTICLE	IF	CITATIONS
127	Basics of Photodynamic Therapy for Malignant Brain Tumors. Japanese Journal of Neurosurgery, 2016, 25, 905-911.	0.0	0
128	Follow-up results of brain metastasis patients undergoing repeat Gamma Knife radiosurgery. Journal of Neurosurgery, 2016, 125, 2-10.	0.9	29
129	Stereotactic radiosurgery for vestibular schwannomas: average 10-year follow-up results focusing on long-term hearing preservation. Journal of Neurosurgery, 2016, 125, 64-72.	0.9	79
130	A case-matched study of stereotactic radiosurgery for patients with brain metastases: comparing treatment results for those with versus without neurological symptoms. Journal of Neuro-Oncology, 2016, 130, 581-590.	1.4	4
131	Use of boron cluster-containing redox nanoparticles with ROS scavenging ability in boron neutron capture therapy to achieve high therapeutic efficiency and low adverse effects. Biomaterials, 2016, 104, 201-212.	5.7	51
132	Hyperfractionated high-dose proton beam radiotherapy for clival chordomas after surgical removal. British Journal of Radiology, 2016, 89, 20151051.	1.0	18
133	Hemifacial Spasm Associated with Contralateral Foramen Magnum Meningioma. World Neurosurgery, 2016, 89, 729.e11-729.e13.	0.7	3
134	Immunohistochemistry on IDH 1/2, ATRX, p53 and Ki-67 substitute molecular genetic testing and predict patient prognosis in grade III adult diffuse gliomas. Brain Tumor Pathology, 2016, 33, 107-116.	1.1	47
135	Muscle activity during gait-like motion provided by MRI compatible lower-extremity motion simulator. Advanced Robotics, 2016, 30, 459-475.	1.1	4
136	Effect of acupuncture on swallowing function in elderly individuals analyzed by swallowing sound using the newly-developed "Swallowscope". Zen Nihon Shinkyu Gakkai Zasshi (Journal of the Japan Tj ETQq0 0 0 rgBTi/Overlock 10 Tf 50		
137	Photodynamic Diagnosis Using 5-aminolevulinic Acid in 41 Biopsies for Primary Central Nervous System Lymphoma. Photochemistry and Photobiology, 2015, 91, 1452-1457.	1.3	28
138	MRI compatibility of lower-extremity motion simulator: LoMS. , 2015, , .		3
139	Whole-body dose evaluation with an adaptive treatment planning system for boron neutron capture therapy. Radiation Protection Dosimetry, 2015, 167, 584-590.	0.4	8
140	Variability in amplitude and stimulation threshold values in motor evoked potential (MEP) monitoring during the resection of brain lesions. Clinical Neurophysiology, 2015, 126, 1271-1278.	0.7	12
141	Extreme volume expansion of a vestibular schwannoma due to intratumoral hemorrhage after gamma knife radiosurgery. Journal of Clinical Neuroscience, 2015, 22, 1196-1199.	0.8	4
142	Improvement of Long-term Results with Neoadjuvant Chemotherapy and Radiotherapy for Central Nervous System Germinoma. World Neurosurgery, 2015, 84, 846-854.	0.7	5
143	Influence of echo time in quantitative proton MR spectroscopy using LCModel. Magnetic Resonance Imaging, 2015, 33, 644-648.	1.0	7
144	Development of beryllium-based neutron target system with three-layer structure for accelerator-based neutron source for boron neutron capture therapy. Applied Radiation and Isotopes, 2015, 106, 78-83.	0.7	25

#	ARTICLE	IF	CITATIONS
145	Movable intraoperative magnetic resonance imaging incorporating a seismic system. <i>Clinical Neurology and Neurosurgery</i> , 2015, 135, 57-61.	0.6	1
146	Neuroendoscopy Followed by Radiotherapy in Cystic Craniopharyngiomas—a Long-Term Follow-Up. <i>World Neurosurgery</i> , 2015, 84, 1305-1315.e2.	0.7	26
147	Abducent nerve palsy treated by microvascular decompression: a case report and review of the literature. <i>Acta Neurochirurgica</i> , 2015, 157, 1801-1805.	0.9	12
148	Rosette-forming glioneuronal tumor originating in the hypothalamus. <i>Brain Tumor Pathology</i> , 2015, 32, 291-296.	1.1	12
149	Boron analysis for neutron capture therapy using particle-induced gamma-ray emission. <i>Applied Radiation and Isotopes</i> , 2015, 106, 166-170.	0.7	3
150	Detection of DNA double-strand breaks in boron neutron capture reaction. <i>Applied Radiation and Isotopes</i> , 2015, 106, 185-188.	0.7	6
151	Verification of nuclear data for the Tsukuba plan, a newly developed treatment planning system for boron neutron capture therapy. <i>Applied Radiation and Isotopes</i> , 2015, 106, 111-115.	0.7	9
152	Hyaluronic acid as a potential boron carrier for BNCT: Preliminary evaluation. <i>Applied Radiation and Isotopes</i> , 2015, 106, 181-184.	0.7	9
153	<b>A Survey on Trial Site Visit Activities of Clinical Research Associates: A Consideration Toward Improving the Efficiency of Clinical Trials </b>. <i>Japanese Journal of Clinical Pharmacology and Therapeutics</i> , 2015, 46, 71-75.	0.1	0
154	Intraparenchymal brain lesion biopsy guided by a rigid endoscope and navigation system. , 2015, 6, 149.		5
155	Preliminary Study on the Effect of Motor Imagery Ability and Vibrotactile Feedback on BCI performance. <i>The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM</i> , 2015, 2015.6, 169-170.	0.0	0
156	Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. <i>OncoTargets and Therapy</i> , 2014, 7, 1551.	1.0	14
157	Malignant Lymphoma in the Parasellar Region. <i>Case Reports in Medicine</i> , 2014, 2014, 1-5.	0.3	12
158	Correlations of Vascular Architecture and Angiogenesis with Pituitary Adenoma Histotype. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-12.	0.6	17
159	A case of spontaneous cerebrospinal fluid rhinorrhea: Accurate detection of the leak point by magnetic resonance cisternography. , 2014, 5, 54.		1
160	Anatomical Risk Factors for Ischemic Lesions Associated with Carotid Artery Stenting. <i>Interventional Neuroradiology</i> , 2014, 20, 746-754.	0.7	12
161	Exophytic Cerebellar Glioblastoma in the Cerebellopontine Angle: Case Report and Review of the Literature. <i>Journal of Neurological Surgery Reports</i> , 2014, 75, e67-e72.	0.3	15
162	Swallowscope: A smartphone based device for the assessment of swallowing ability. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
163	Central nervous system infection caused by vancomycin-intermediate Staphylococcus aureus (SCCmec) Tj ETQq1 1,0,784314 rgBT /Ove	0.8	4
164	Clinical Outcomes of Intracerebral Hemorrhage in Hemodialysis Patients. World Neurosurgery, 2014, 81, 538-542.	0.7	17
165	Intracellular boron accumulation in CHO-K1 cells using amino acid transport control. Applied Radiation and Isotopes, 2014, 88, 99-103.	0.7	4
166	Interferon- $\beta$ inhibits glioma angiogenesis through downregulation of vascular endothelial growth factor and upregulation of interferon inducible protein 10. International Journal of Oncology, 2014, 45, 1837-1846.	1.4	31
167	Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. Journal of Clinical Biochemistry and Nutrition, 2014, 54, 26-30.	0.6	14
168	The patient had a normal magnetic resonance imaging and temporal lobe epilepsy secondary to a porencephalic cyst but showed structural lesions (hippocampal sclerosis). Epilepsy & Behavior Case Reports, 2013, 1, 153-156.	1.5	0
169	Brain metastasis from papillary thyroid carcinomas. Molecular and Clinical Oncology, 2013, 1, 817-819.	0.4	16
170	Benefit and Pitfall of Intraoperative Indocyanine Green Video-angiography in Neurological Surgery. Nippon Laser Igakkaishi, 2013, 34, 141-148.	0.0	1
171	A Surgical Technique for Idiopathic Spinal Cord Herniation : the Hammock Method. Spinal Surgery, 2011, 25, 73-74.	0.0	0
172	Development of a multi-modal Monte-Carlo radiation treatment planning system combined with PHITS. , 2009, , .		2
173	A Case of Nondysraphic Intramedullary Spinal Cord Lipoma. Spinal Surgery, 2009, 23, 80-84.	0.0	0
174	A USEFUL SIDE-HOLE ON A GUIDING CATHETER FOR TRANSVENOUS EMBOLIZATION OF A TRANSVERSE-SIGMOID SINUS DURAL ARTERIOVENOUS FISTULA. Operative Neurosurgery, 2008, 63, ONSE91-ONSE92.	0.4	0
175	Correlation between choline and MIB-1 index in human gliomas. A quantitative in proton MR spectroscopy study.. Journal of Clinical Neuroscience, 2005, 12, 416-420.	0.8	32
176	Non-invasive quantification of lactate by proton MR spectroscopy and its clinical applications. Clinical Neurology and Neurosurgery, 2005, 107, 379-384.	0.6	23
177	Title is missing!. Journal of Neuro-Oncology, 2003, 62, 87-99.	1.4	16
178	Combined Laminoplasty With Posterior Lateral Mass Plate for Unstable Spondylotic Cervical Canal Stenosis-Technical Note-. Neurologia Medico-Chirurgica, 2003, 43, 514-519.	1.0	8
179	Self-Report Priority-Adjusted Functional Scale for Patients with Cervical Spondylosis. Spinal Surgery, 2003, 17, 29-34.	0.0	0
180	In vivo gadolinium neutron capture therapy using a potentially effective compound (Gd-BOPTA). Anticancer Research, 2003, 23, 2451-6.	0.5	11

#	ARTICLE	IF	CITATIONS
181	Cervical Intramedullary Gliofibroma in a Child. <i>Pediatric Neurosurgery</i> , 2002, 36, 105-110.	0.4	15
182	Evaluation of Flow Dynamics of Degenerative Spinal Disease using Perfusion MRI. <i>Spinal Surgery</i> , 2002, 16, 15-20.	0.0	1
183	Rapid Spontaneous Resolution of Acute Subdural Hematoma Occurs by Redistribution. Two Case Reports.. <i>Neurologia Medico-Chirurgica</i> , 2001, 41, 140-143.	1.0	40
184	Localization of gelatinase activities in glioma tissues by film in situ zymography. <i>Brain Tumor Pathology</i> , 2001, 18, 145-150.	1.1	10
185	Intramedullary Clear Cell Ependymoma in the Cervical Spinal Cord: Case Report. <i>Neurosurgery</i> , 2000, 47, 1434-1434.	0.6	10
186	Reduction of End-stage Malignant Glioma by Injection with Autologous Cytotoxic T Lymphocytes. <i>Japanese Journal of Cancer Research</i> , 1999, 90, 536-545.	1.7	51
187	Multilevel Thoracic Disc Lesions : A Case Report. <i>Japanese Journal of Neurosurgery</i> , 1998, 7, 182-186.	0.0	0
188	SPINE-System <sup>®</sup> Cervical for Upper Cervical Lesions. <i>Japanese Journal of Neurosurgery</i> , 1998, 7, 523-526.	0.0	0
189	Mn-Metalloporphyrin Conjugated with Gd-DTPA (Gd-ATN10): Tumor Enhancement Agent for Magnetic Resonance Imaging. <i>Neurologia Medico-Chirurgica</i> , 1997, 37, 327-331.	1.0	8
190	Cerebral Metastasis of Parathyroid Carcinoma "Case Report". <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 96-98.	1.0	13
191	Magnetic Resonance Imaging of Brain Death. <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 166-171.	1.0	21
192	Posterior Fusion for Odontoid Fracture in an Infant "Case Report". <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 175-178.	1.0	4
193	&lt;&gt;Intrasyringal Hemorrhage of the Cervical Cord Associated with Chiari Type I Malformation&lt;/&gt;. <i>Neurologia Medico-Chirurgica</i> , 1995, 35, 243-246.	1.0	8
194	Osteomas of the Skull: Comparison of Magnetic Resonance Imaging and Histological Findings. <i>Neurologia Medico-Chirurgica</i> , 1995, 35, 13-16.	1.0	4
195	Hypertrophic Cranial Pachymeningitis with Spinal Epidural Granulomatous Lesion.. <i>Internal Medicine</i> , 1995, 34, 806-810.	0.3	10
196	Depressed Fracture in the Posterior Fossa : Report of Two Cases. <i>Japanese Journal of Neurosurgery</i> , 1995, 4, 62-66.	0.0	0
197	Extreme Lateral Lumbar Disc Herniation : Pitfalls in Diagnosis and Operative Treatment. <i>Japanese Journal of Neurosurgery</i> , 1994, 3, 500-506.	0.0	0
198	Gadolinium-enhanced Magnetic Resonance Angiography in the Planning of Supratentorial Glioma Surgery. <i>Neurologia Medico-Chirurgica</i> , 1993, 33, 439-443.	1.0	5