

Akira Matsumura

List of Publications by Year in descending order

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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	Stereotactic radiosurgery for vestibular schwannomas: average 10-year follow-up results focusing on long-term hearing preservation. <i>Journal of Neurosurgery</i> , 2016, 125, 64-72.	0.9	79
2	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
3	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
4	Neurovascular Unit Protection From Cerebral Ischemia—Reperfusion Injury by Radical-Containing Nanoparticles in Mice. <i>Stroke</i> , 2017, 48, 2238-2247.	1.0	61
5	Potential use of prostate specific membrane antigen (PSMA) for detecting the tumor neovasculature of brain tumors by PET imaging with ⁸⁹ Zr-Df-IAB2M anti-PSMA minibody. <i>Journal of Neuro-Oncology</i> , 2018, 138, 581-589.	1.4	58
6	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
7	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
8	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
9	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. <i>Biomaterials</i> , 2016, 104, 201-212.	5.7	51
10	JCOG0911 INTEGRA study: a randomized screening phase II trial of interferon- β plus temozolomide in comparison with temozolomide alone for newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 138, 627-636.	1.4	49
11	Immunohistochemistry on IDH 1/2, ATRX, p53 and Ki-67 substitute molecular genetic testing and predict patient prognosis in grade III adult diffuse gliomas. <i>Brain Tumor Pathology</i> , 2016, 33, 107-116.	1.1	47
12	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
13	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
14	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
15	Infiltration of CD163-positive macrophages in glioma tissues after treatment with anti-PD-L1 antibody and role of PI3K 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
16	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
17	Evaluation of a Novel Boron-Containing β -D-Mannopyranoside for BNCT. <i>Cells</i> , 2020, 9, 1277.	1.8	35
18	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

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19	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
20	Interferon-Î² 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
21	Follow-up results of brain metastasis patients undergoing repeat Gamma Knife radiosurgery. Journal of Neurosurgery, 2016, 125, 2-10.	0.9	29
22	The voluntary driven exoskeleton Hybrid Assistive Limb (HAL) for postoperative training of thoracic ossification of the posterior longitudinal ligament: a case report. Journal of Spinal Cord Medicine, 2017, 40, 361-367.	0.7	29
23	Radiobiological response of U251MG, CHO-K1 and V79 cell lines to accelerator-based boron neutron capture therapy. Journal of Radiation Research, 2018, 59, 101-107.	0.8	29
24	Photodynamic Diagnosis Using 5â€Aminolevulinic Acid in 41 Biopsies for Primary Central Nervous System Lymphoma. Photochemistry and Photobiology, 2015, 91, 1452-1457.	1.3	28
25	Neuroendoscopy Followed by Radiotherapy in Cystic Craniopharyngiomasâ€a Long-Term Follow-Up. World Neurosurgery, 2015, 84, 1305-1315.e2.	0.7	26
26	MyD88 Mutation in Elderly Predicts Poor Prognosis in Primary Central Nervous System Lymphoma: Multi-Institutional Analysis. World Neurosurgery, 2018, 112, e69-e73.	0.7	26
27	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
28	Development of LINAC-Based Neutron Source for Boron Neutron Capture Therapy in University of Tsukuba. Plasma and Fusion Research, 2018, 13, 2406006-2406006.	0.3	24
29	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. International Journal of Radiation Biology, 2020, 96, 868-878.	1.0	24
30	Non-invasive quantification of lactate by proton MR spectroscopy and its clinical applications. Clinical Neurology and Neurosurgery, 2005, 107, 379-384.	0.6	23
31	Intensive Gait Treatment Using a Robot Suit Hybrid Assistive Limb in Acute Spinal Cord Infarction: Report of Two Cases. Journal of Spinal Cord Medicine, 2019, 42, 395-401.	0.7	22
32	A Questionnaire to Assess the Challenges Faced by Women Who Quit Working as Full-Time Neurosurgeons. World Neurosurgery, 2020, 133, 331-342.	0.7	22
33	The state of neurosurgical training and education in East Asia: analysis and strategy development for this frontier of the world. Neurosurgical Focus, 2020, 48, E7.	1.0	22
34	Magnetic Resonance Imaging of Brain Death. Neurologia Medico-Chirurgica, 1996, 36, 166-171.	1.0	21
35	Genetic evidence implies that primary and relapsed tumors arise from common precursor cells in primary central nervous system lymphoma. Cancer Science, 2019, 110, 401-407.	1.7	20
36	Differences in Muscle Synergy Symmetry Between Subacute Post-stroke Patients With Bioelectrically-Controlled Exoskeleton Gait Training and Conventional Gait Training. Frontiers in Bioengineering and Biotechnology, 2020, 8, 770.	2.0	20

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37	Hyperfractionated high-dose proton beam radiotherapy for clival chordomas after surgical removal. <i>British Journal of Radiology</i> , 2016, 89, 20151051.	1.0	18
38	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
39	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
40	Correlations of Vascular Architecture and Angiogenesis with Pituitary Adenoma Histotype. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-12.	0.6	17
41	Clinical Outcomes of Intracerebral Hemorrhage in Hemodialysis Patients. <i>World Neurosurgery</i> , 2014, 81, 538-542.	0.7	17
42	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
43	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
44	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
45	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
46	Title is missing!. <i>Journal of Neuro-Oncology</i> , 2003, 62, 87-99.	1.4	16
47	Brain metastasis from papillary thyroid carcinomas. <i>Molecular and Clinical Oncology</i> , 2013, 1, 817-819.	0.4	16
48	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
49	Cervical Intramedullary Gliofibroma in a Child. <i>Pediatric Neurosurgery</i> , 2002, 36, 105-110.	0.4	15
50	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
51	The Hybrid Assistive Limb [®] 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
52	Bevacizumab in Japanese patients with malignant glioma: from basic research to clinical trial. <i>OncoTargets and Therapy</i> , 2014, 7, 1551.	1.0	14
53	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
54	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

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55	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
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	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
58	Selective accumulation of hematoporphyrin derivative in glioma through proton-coupled folate transporter SLC46A1. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 54, 26-30.	0.6	14
59	Cerebral Metastasis of Parathyroid Carcinoma –"Case Report". <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 96-98.	1.0	13
60	DEVELOPMENT OF A MULTIMODAL MONTE CARLO BASED TREATMENT PLANNING SYSTEM. <i>Radiation Protection Dosimetry</i> , 2018, 180, 286-290.	0.4	13
61	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
62	Time to diagnosis and clinical characteristics in pediatric brain tumor patients. <i>Child's Nervous System</i> , 2020, 36, 2047-2054.	0.6	13
63	Malignant Lymphoma in the Parasellar Region. <i>Case Reports in Medicine</i> , 2014, 2014, 1-5.	0.3	12
64	Anatomical Risk Factors for Ischemic Lesions Associated with Carotid Artery Stenting. <i>Interventional Neuroradiology</i> , 2014, 20, 746-754.	0.7	12
65	Variability in amplitude and stimulation threshold values in motor evoked potential (MEP) monitoring during the resection of brain lesions. <i>Clinical Neurophysiology</i> , 2015, 126, 1271-1278.	0.7	12
66	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
67	Rosette-forming glioneuronal tumor originating in the hypothalamus. <i>Brain Tumor Pathology</i> , 2015, 32, 291-296.	1.1	12
68	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
69	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
70	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
71	Malignant transformation of pleomorphic xanthoastrocytoma and differential diagnosis: case report. <i>BMC Neurology</i> , 2020, 20, 21.	0.8	11
72	In vivo gadolinium neutron capture therapy using a potentially effective compound (Gd-BOPTA). <i>Anticancer Research</i> , 2003, 23, 2451-6.	0.5	11

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73	Polymer-Stabilized Elemental Boron Nanoparticles for Boron Neutron Capture Therapy: Initial Irradiation Experiments. <i>Pharmaceutics</i> , 2022, 14, 761.	2.0	11
74	Hypertrophic Cranial Pachymeningitis with Spinal Epidural Granulomatous Lesion.. <i>Internal Medicine</i> , 1995, 34, 806-810.	0.3	10
75	Localization of gelatinase activities in glioma tissues by film in situ zymography. <i>Brain Tumor Pathology</i> , 2001, 18, 145-150.	1.1	10
76	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
77	Clinical Effect of C2 Peripheral Nerve Field Stimulation Using Electroacupuncture for Primary Headache. <i>Neuromodulation</i> , 2018, 21, 793-796.	0.4	10
78	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
79	Proton therapy for newly diagnosed pediatric diffuse intrinsic pontine glioma. <i>Child's Nervous System</i> , 2020, 36, 507-512.	0.6	10
80	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
81	Intramedullary Clear Cell Ependymoma in the Cervical Spinal Cord: Case Report. <i>Neurosurgery</i> , 2000, 47, 1434-1434.	0.6	10
82	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
83	Hyaluronic acid as a potential boron carrier for BNCT: Preliminary evaluation. <i>Applied Radiation and Isotopes</i> , 2015, 106, 181-184.	0.7	9
84	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
85	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
86	<>Intrasyringal Hemorrhage of the Cervical Cord Associated with Chiari Type I Malformation<>. <i>Neurologia Medico-Chirurgica</i> , 1995, 35, 243-246.	1.0	8
87	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
88	Combined Laminoplasty With Posterior Lateral Mass Plate for Unstable Spondylotic Cervical Canal Stenosis-Technical Note-. <i>Neurologia Medico-Chirurgica</i> , 2003, 43, 514-519.	1.0	8
89	Whole-body dose evaluation with an adaptive treatment planning system for boron neutron capture therapy. <i>Radiation Protection Dosimetry</i> , 2015, 167, 584-590.	0.4	8
90	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

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91	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
92	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
93	Low tumor cell content predicts favorable prognosis in germinoma patients. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab110.	0.4	8
94	Combined simultaneous transcranial and endoscopic endonasal resection of sphenoorbital meningioma extending into the sphenoid sinus, pterygopalatine fossa, and infratemporal fossa. , 2017, 8, 185.		8
95	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
96	A Novel Boron Lipid to Modify Liposomal Surfaces for Boron Neutron Capture Therapy. <i>Cells</i> , 2021, 10, 3421.	1.8	8
97	Influence of echo time in quantitative proton MR spectroscopy using LCModel. <i>Magnetic Resonance Imaging</i> , 2015, 33, 644-648.	1.0	7
98	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
99	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
100	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
101	Quadrigeminal arachnoid cyst with perinatal encephalocele. <i>Child's Nervous System</i> , 2020, 36, 1393-1397.	0.6	7
102	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
103	Maximum resection and immunotherapy improve glioblastoma patient survival: a retrospective single-institution prognostic analysis. <i>BMC Neurology</i> , 2021, 21, 282.	0.8	7
104	Detection of DNA double-strand breaks in boron neutron capture reaction. <i>Applied Radiation and Isotopes</i> , 2015, 106, 185-188.	0.7	6
105	Opportunities for Using an Accelerator-Based Epithermal Neutron Source for Boron Neutron Capture Therapy. <i>Bio-Medical Engineering</i> , 2018, 52, 73-76.	0.3	6
106	Subependymal giant cell astrocytoma harboring a <i>PRRC2B</i> – <i>ALK</i> fusion: A case report. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27995.	0.8	6
107	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
108	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

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109	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
110	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
111	Gadolinium-enhanced Magnetic Resonance Angiography in the Planning of Supratentorial Glioma Surgery. <i>Neurologia Medico-Chirurgica</i> , 1993, 33, 439-443.	1.0	5
112	Improvement of Long-term Results with Neoadjuvant Chemotherapy and Radiotherapy for Central Nervous System Germinoma. <i>World Neurosurgery</i> , 2015, 84, 846-854.	0.7	5
113	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
114	Combined Endoscopic Endonasal and Bilateral Subfrontal Approach for a Nonfunctioning Pituitary Adenoma Associated with an Internal Carotid Artery Superior Hypophyseal Artery Aneurysm. <i>World Neurosurgery</i> , 2020, 134, 297-301.	0.7	5
115	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
116	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
117	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
118	Intraparenchymal brain lesion biopsy guided by a rigid endoscope and navigation system. , 2015, 6, 149.		5
119	A Ruptured Aneurysm in Aplastic 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
120	Osteomas of the Skull: Comparison of Magnetic Resonance Imaging and Histological Findings. <i>Neurologia Medico-Chirurgica</i> , 1995, 35, 13-16.	1.0	4
121	Posterior Fusion for Odontoid Fracture in an Infant "Case Report". <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 175-178.	1.0	4
122	Swallowscope: A smartphone based device for the assessment of swallowing ability. , 2014, , .		4
123	Central nervous system infection caused by vancomycin-intermediate Staphylococcus aureus (SCCmec) Tj ETQq1 1_0,784314 rgBT /Ove	1.0,8	4
124	Intracellular boron accumulation in CHO-K1 cells using amino acid transport control. <i>Applied Radiation and Isotopes</i> , 2014, 88, 99-103.	0.7	4
125	Extreme volume expansion of a vestibular schwannoma due to intratumoral hemorrhage after gamma knife radiosurgery. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1196-1199.	0.8	4
126	A case-matched study of stereotactic radiosurgery for patients with brain metastases: comparing treatment results for those with versus without neurological symptoms. <i>Journal of Neuro-Oncology</i> , 2016, 130, 581-590.	1.4	4

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127	Muscle activity during gait-like motion provided by MRI compatible lower-extremity motion simulator. <i>Advanced Robotics</i> , 2016, 30, 459-475.	1.1	4
128	Early retreatment after surgical clipping of ruptured intracranial aneurysms. <i>Acta Neurochirurgica</i> , 2017, 159, 1627-1632.	0.9	4
129	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
130	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
131	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
132	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
133	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
134	Monitoring patient movement with boron neutron capture therapy and motion capture technology. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109208.	0.7	4
135	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
136	Antioxidant nanomedicine with cytoplasmic distribution in neuronal cells shows superior neurovascular protection properties. <i>Brain Research</i> , 2020, 1743, 146922.	1.1	4
137	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
138	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
139	MRI compatibility of lower-extremity motion simulator: LoMS. , 2015, , .		3
140	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
141	Hemifacial Spasm Associated with Contralateral Foramen Magnum Meningioma. <i>World Neurosurgery</i> , 2016, 89, 729.e11-729.e13.	0.7	3
142	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
143	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
144	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

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