

Toshihiko Wakabayashi

List of Publications by Year in descending order

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Version: 2024-02-01

243
papers

7,038
citations

76031

42
h-index

97045

71
g-index

252
all docs

252
docs citations

252
times ranked

10885
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability of IDH1-R132H and ATRX and/or p53 immunohistochemistry for molecular subclassification of Grade 2/3 gliomas. <i>Brain Tumor Pathology</i> , 2022, 39, 14-24.	1.1	6
2	Novel Endoscopic Technique for Inserting a Sheath into a Slit Ventricle: The Water-Slide Technique. <i>World Neurosurgery</i> , 2021, 145, 1-4.	0.7	4
3	Neurod4 converts endogenous neural stem cells to neurons with synaptic formation after spinal cord injury. <i>IScience</i> , 2021, 24, 102074.	1.9	9
4	Urinary MicroRNA-Based Diagnostic Model for Central Nervous System Tumors Using Nanowire Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17316-17329.	4.0	27
5	A new primate model of hypophyseal dysfunction. <i>Scientific Reports</i> , 2021, 11, 10729.	1.6	3
6	Impact of the extent of resection on the survival of patients with grade II and III gliomas using awake brain mapping. <i>Journal of Neuro-Oncology</i> , 2021, 153, 361-372.	1.4	16
7	Lack of GD3 synthase (St8sia1) attenuates malignant properties of gliomas in genetically engineered mouse model. <i>Cancer Science</i> , 2021, 112, 3756-3768.	1.7	19
8	Mathematical Modeling and Mutational Analysis Reveal Optimal Therapy to Prevent Malignant Transformation in Grade II IDH-Mutant Gliomas. <i>Cancer Research</i> , 2021, 81, 4861-4873.	0.4	7
9	Efficacy and safety of nivolumab in Japanese patients with first recurrence of glioblastoma: an open-label, non-comparative study. <i>International Journal of Clinical Oncology</i> , 2021, 26, 2205-2215.	1.0	6
10	Driver Genetic Mutations in Spinal Cord Gliomas Direct the Degree of Functional Impairment in Tumor-Associated Spinal Cord Injury. <i>Cells</i> , 2021, 10, 2525.	1.8	6
11	Intraoperative seizure outcome of levetiracetam combined with perampanel therapy in patients with glioma undergoing awake brain surgery. <i>Journal of Neurosurgery</i> , 2021, 135, 998-1007.	0.9	3
12	Survival Benefit of Supratotal Resection in a Long-term Survivor of <i>IDH</i>-wildtype Glioblastoma: A Case Report and Literature Review. <i>NMC Case Report Journal</i> , 2021, 8, 747-753.	0.2	1
13	St8sia1-deficiency in mice alters tumor environments of gliomas, leading to reduced disease severity. <i>Nagoya Journal of Medical Science</i> , 2021, 83, 535-549.	0.6	2
14	A Case of Langerhans Histiocytosis of the Cervical Spine Successfully Treated with One-stage Local Steroid Injection. <i>Spinal Surgery</i> , 2021, 35, 175-180.	0.0	0
15	Longitudinal Speech Change After Subthalamic Nucleus Deep Brain Stimulation in Parkinson's Disease Patients: A 2-Year Prospective Study. <i>Journal of Parkinson's Disease</i> , 2020, 10, 131-140.	1.5	15
16	Preoperative predictive factors affecting return to work in patients with gliomas undergoing awake brain mapping. <i>Journal of Neuro-Oncology</i> , 2020, 146, 195-205.	1.4	11
17	Multiple metastases to the bone and bone marrow from a 1p/19q-codeleted and IDH2-mutant anaplastic oligodendroglioma: a case report and literature review. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa101.	0.4	0
18	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

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19	KHYG-1 Cells With EGFRvIII-specific CAR Induced a Pseudoprogression-like Feature in Subcutaneous Tumours Derived from Glioblastoma-like Cells. <i>Anticancer Research</i> , 2020, 40, 3231-3237.	0.5	15
20	Navigated repetitive transcranial magnetic stimulation as preoperative assessment in patients with brain tumors. <i>Scientific Reports</i> , 2020, 10, 9044.	1.6	13
21	Effect of CRISPR/Cas9-Mediated PD-1-Disrupted Primary Human Third-Generation CAR-T Cells Targeting EGFRvIII on In Vitro Human Glioblastoma Cell Growth. <i>Cells</i> , 2020, 9, 998.	1.8	64
22	Surgical Designs of Revascularization for Moyamoya Disease: 15 Years of Experience in a Single Center. <i>World Neurosurgery</i> , 2020, 139, e325-e334.	0.7	15
23	Neurocognitive and functional outcomes in patients with diffuse frontal lower-grade gliomas undergoing intraoperative awake brain mapping. <i>Journal of Neurosurgery</i> , 2020, 132, 1683-1691.	0.9	37
24	Endoscopic Treatment Strategy for a Disproportionately Large Communicating Fourth Ventricle: Case Series and Literature Review. <i>Neurologia Medico-Chirurgica</i> , 2020, 60, 351-359.	1.0	1
25	Preface. <i>Brain Tumor Pathology</i> , 2019, 36, 27-28.	1.1	0
26	Next Generation Sequencing-Based Transcriptome Predicts Bevacizumab Efficacy in Combination with Temozolomide in Glioblastoma. <i>Molecules</i> , 2019, 24, 3046.	1.7	5
27	Pathogenic Epigenetic Consequences of Genetic Alterations in IDH-Wild-Type Diffuse Astrocytic Gliomas. <i>Cancer Research</i> , 2019, 79, 4814-4827.	0.4	6
28	Preservation of Olfactory Function Following Endoscopic Single-Nostril Transseptal Transsphenoidal Surgery. <i>World Neurosurgery</i> , 2019, 132, e665-e669.	0.7	8
29	Anterior insular cortex stimulation and its effects on emotion recognition. <i>Brain Structure and Function</i> , 2019, 224, 2167-2181.	1.2	23
30	Three types of dural suturing for closure of CSF leak after endoscopic transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2019, 131, 1625-1631.	0.9	19
31	Quality of Life Changes Before and After Transsphenoidal Surgery for Sellar and Parasellar Lesions. <i>World Neurosurgery</i> , 2019, 122, e1202-e1210.	0.7	8
32	Awake Surgery for Brain Tumors to Preserve Motor, Language, and Neurocognitive Functions. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2019, 56, 613-617.	0.0	0
33	Experimental study of coil delivery wire insertion force in intracranial aneurysm embolization: force discrepancy generated inside the microcatheter through that coil delivery wire passes. <i>Nagoya Journal of Medical Science</i> , 2019, 81, 217-225.	0.6	5
34	A novel high-sensitivity assay to detect a small fraction of mutant IDH1 using droplet digital PCR. <i>Brain Tumor Pathology</i> , 2018, 35, 97-105.	1.1	14
35	Pediatric-Type Follicular Lymphoma in the Dura: A Case Report and Literature Review. <i>World Neurosurgery</i> , 2018, 115, 176-180.	0.7	2
36	Default Mode Network Changes in Moyamoya Disease Before and After Bypass Surgery: Preliminary Report. <i>World Neurosurgery</i> , 2018, 112, e652-e661.	0.7	11

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37	Flat Posterior Cranial Fossa Affects Outcomes of Microvascular Decompression for Trigeminal Neuralgia. <i>World Neurosurgery</i> , 2018, 111, e519-e526.	0.7	9
38	Hybrid Method of Transvertebral Foraminotomy Combined with Anterior Cervical Decompression and Fusion for Multilevel Cervical Disease. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 124-131.	1.0	5
39	Neuroendoscopic Cylinder Surgery and 5-Aminolevulinic Acid Photodynamic Diagnosis of Deep-Seated Intracranial Lesions. <i>World Neurosurgery</i> , 2018, 116, e35-e41.	0.7	13
40	Immunohistochemical ATRX expression is not a surrogate for 1p19q codeletion. <i>Brain Tumor Pathology</i> , 2018, 35, 106-113.	1.1	16
41	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
42	Fully endoscopic combined transsphenoidal and supraorbital keyhole approach for parasellar lesions. <i>Journal of Neurosurgery</i> , 2018, 128, 685-694.	0.9	19
43	Prognostic relevance of genetic alterations in diffuse lower-grade gliomas. <i>Neuro-Oncology</i> , 2018, 20, 66-77.	0.6	225
44	Subarachnoid hemorrhage induces neuronal nitric oxide synthase phosphorylation at Ser1412 in the dentate gyrus of the rat brain. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 81, 67-74.	1.2	8
45	Elevation of Proenkephalin 143 α 183 in Cerebrospinal Fluid in Moyamoya Disease. <i>World Neurosurgery</i> , 2018, 109, e446-e459.	0.7	7
46	Treatment of Primary CNS Lymphoma with RMPV (Rituximab, Methotrexate, Procarbazine, Vincristine) Therapy : Challenges and Prospects. <i>Japanese Journal of Neurosurgery</i> , 2018, 27, 29-36.	0.0	2
47	Application of Awake Surgery for Epilepsy in Clinical Practice. <i>Neurologia Medico-Chirurgica</i> , 2018, 58, 442-452.	1.0	17
48	Novel Human NK Cell Line Carrying CAR Targeting EGFRvIII Induces Antitumor Effects in Glioblastoma Cells. <i>Anticancer Research</i> , 2018, 38, 5049-5056.	0.5	82
49	Comparative Prospective Study of Microvascular Anastomosis Training by Self-Learning or with Expert Instruction. <i>World Neurosurgery</i> , 2018, 118, e818-e824.	0.7	5
50	Experimental study of the characteristics of various types of filling coils for intracranial aneurysm embolisation. <i>Interventional Neuroradiology</i> , 2018, 24, 513-519.	0.7	3
51	Cytokine Therapy of Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 32, 79-89.	1.3	7
52	Supratotal Resection of Diffuse Frontal Lower Grade Gliomas with Awake Brain Mapping, Preserving Motor, Language, and Neurocognitive Functions. <i>World Neurosurgery</i> , 2018, 119, 30-39.	0.7	29
53	Case of Subarachnoid Hemorrhage from Ruptured Oncotic Fusiform Aneurysms from Choriocarcinoma Metastasis Treated with Aneurysmectomy and Vessel Reconstruction. <i>World Neurosurgery</i> , 2018, 113, 98-102.	0.7	4
54	A case of pseudoxanthoma elasticum with carotid rete mirabile. <i>Nosotchu</i> , 2018, 40, 29-34.	0.0	1

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55	Significance of low mTORC1 activity in defining the characteristics of brain tumor stem cells. <i>Neuro-Oncology</i> , 2017, 19, now237.	0.6	6
56	Surgical benefits of combined awake craniotomy and intraoperative magnetic resonance imaging for gliomas associated with eloquent areas. <i>Journal of Neurosurgery</i> , 2017, 127, 790-797.	0.9	45
57	Coiling of a Ruptured Large Internal Carotid Artery Aneurysm via Extracranial-Intracranial Saphenous Vein Bypass Graft Just After Proximal Ligation of the Internal Carotid Artery. <i>World Neurosurgery</i> , 2017, 98, 879.e1-879.e4.	0.7	3
58	Synthesis of PET probe O6-[(3-[¹¹ C]methyl)benzyl]guanine by Pd0-mediated rapid C-[¹¹ C]methylation toward imaging DNA repair protein O6-methylguanine-DNA methyltransferase in glioblastoma. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1892-1896.	1.0	6
59	Evaluation of the characteristics of various types of finishing coils for the embolization of intracranial aneurysms in an experimental model with radiolucent coils. <i>Interventional Neuroradiology</i> , 2017, 23, 143-150.	0.7	8
60	A novel all-in-one intraoperative genotyping system for IDH1-mutant glioma. <i>Brain Tumor Pathology</i> , 2017, 34, 91-97.	1.1	16
61	Significance of perivascular tumour cells defined by CD109 expression in progression of glioma. <i>Journal of Pathology</i> , 2017, 243, 468-480.	2.1	36
62	Clinical Application of Insertion Force Sensor System for Coil Embolization of Intracranial Aneurysms. <i>World Neurosurgery</i> , 2017, 105, 857-863.	0.7	3
63	Efficacy of the transtemporal approach with awake brain mapping to reach the dominant posteromedial temporal lesions. <i>Acta Neurochirurgica</i> , 2017, 159, 177-184.	0.9	12
64	Hands-on Simulation versus Traditional Video-learning in Teaching Microsurgery Technique. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 238-245.	1.0	25
65	Diagnostic Performance and Safety of Positron Emission Tomography Using F-Fluciclovine in Patients with Clinically Suspected High- or Low-grade Gliomas: A Multicenter Phase IIb Trial. <i>Asia Oceania Journal of Nuclear Medicine and Biology</i> , 2017, 5, 10-21.	0.1	28
66	Multimodal Assessment for Balloon Test Occlusion of the Internal Carotid Artery. <i>Journal of Neuroendovascular Therapy</i> , 2016, 10, 108-115.	0.1	6
67	Clinical Study for Malignant Brain Tumors by JCOG Brain Study Group. <i>Japanese Journal of Neurosurgery</i> , 2016, 25, 566-578.	0.0	1
68	Use of Network Analysis to Establish Neurosurgical Parameters in Gliomas and Epilepsy. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 158-169.	1.0	9
69	Articulation Features of Parkinson's Disease Patients with Subthalamic Nucleus Deep Brain Stimulation. <i>Journal of Parkinson's Disease</i> , 2016, 6, 811-819.	1.5	11
70	Incidence and risk factors of subdural hematoma after intraoperative cerebrospinal fluid leakage during the transsphenoidal approach. <i>Pituitary</i> , 2016, 19, 565-572.	1.6	3
71	An immuno-wall microdevice exhibits rapid and sensitive detection of IDH1-R132H mutation specific to grade II and III gliomas. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 618-625.	2.8	12
72	CAR T Cells Targeting Podoplanin Reduce Orthotopic Glioblastomas in Mouse Brains. <i>Cancer Immunology Research</i> , 2016, 4, 259-268.	1.6	90

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73	Rapid sensitive analysis of IDH1 mutation in lower-grade gliomas by automated genetic typing involving a quenching probe. <i>Cancer Investigation</i> , 2016, 34, 12-15.	0.6	6
74	A case of secondary somatosensory epilepsy with a left deep parietal opercular lesion: successful tumor resection using a transsubcentral gyral approach during awake surgery. <i>Journal of Neurosurgery</i> , 2016, 124, 791-798.	0.9	4
75	Primary peripheral T-cell lymphoma, not otherwise specified, of the central nervous system in a child. <i>Brain Tumor Pathology</i> , 2015, 32, 281-285.	1.1	2
76	Results and Current Trends of Multimodality Treatment for Infectious Intracranial Aneurysms. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 155-162.	1.0	29
77	Installation of a Neuromate Robot for Stereotactic Surgery: Efforts to Conform to Japanese Specifications and an Approach for Clinical Use—Technical Notes. <i>Neurologia Medico-Chirurgica</i> , 2015, 55, 907-914.	1.0	8
78	Antitumorigenic effect of interferon- β by inhibition of undifferentiated glioblastoma cells. <i>International Journal of Oncology</i> , 2015, 47, 1647-1654.	1.4	8
79	Activation of Yes-Associated Protein in Low-Grade Meningiomas Is Regulated by Merlin, Cell Density, and Extracellular Matrix Stiffness. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 704-709.	0.9	14
80	How I do it: shoelace watertight dural closure in extended transsphenoidal surgery. <i>Acta Neurochirurgica</i> , 2015, 157, 2089-2092.	0.9	21
81	Paired related homeobox 1 is associated with the invasive properties of glioblastoma cells. <i>Oncology Reports</i> , 2015, 33, 1123-1130.	1.2	19
82	Biomarker Research for Moyamoya Disease in Cerebrospinal Fluid Using Surface-enhanced Laser Desorption/Ionization Time-of-flight Mass Spectrometry. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 104-111.	0.7	22
83	Distinct phenotypes of speech and voice disorders in Parkinson's disease after subthalamic nucleus deep brain stimulation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 856-864.	0.9	85
84	Voice features of Parkinson's disease patients with subthalamic nucleus deep brain stimulation. <i>Journal of Neurology</i> , 2015, 262, 1173-1181.	1.8	29
85	Increased ICP promotes CaMKII-mediated phosphorylation of neuronal NOS at Ser847 in the hippocampus immediately after subarachnoid hemorrhage. <i>Brain Research</i> , 2015, 1616, 19-25.	1.1	14
86	Operative wound-related complications after cranial revascularization surgeries. <i>Journal of Neurosurgery</i> , 2015, 123, 1145-1150.	0.9	45
87	Applicable advances in the molecular pathology of glioblastoma. <i>Brain Tumor Pathology</i> , 2015, 32, 153-162.	1.1	12
88	Treatment of Symptomatic Bilateral Cavernous Carotid Aneurysms: Long-term Results of 6 Cases. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 1013-1018.	0.7	8
89	Intraoperative subcortical mapping of a language-associated deep frontal tract connecting the superior frontal gyrus to Broca's area in the dominant hemisphere of patients with glioma. <i>Journal of Neurosurgery</i> , 2015, 122, 1390-1396.	0.9	79
90	Mutational landscape and clonal architecture in grade II and III gliomas. <i>Nature Genetics</i> , 2015, 47, 458-468.	9.4	729

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91	Characteristic laryngoscopic findings in Parkinson's disease patients after subthalamic nucleus deep brain stimulation and its correlation with voice disorder. <i>Journal of Neural Transmission</i> , 2015, 122, 1663-1672.	1.4	21
92	Ganglioside GD3 Enhances Invasiveness of Gliomas by Forming a Complex with Platelet-derived Growth Factor Receptor α and Yes Kinase. <i>Journal of Biological Chemistry</i> , 2015, 290, 16043-16058.	1.6	69
93	Anaplastic meningioma with rapid growth after omental flap transposition: a case report and experimental study. <i>Brain Tumor Pathology</i> , 2015, 32, 137-144.	1.1	8
94	Evaluation of Resting State Networks in Patients with Gliomas: Connectivity Changes in the Unaffected Side and Its Relation to Cognitive Function. <i>PLoS ONE</i> , 2015, 10, e0118072.	1.1	73
95	Novel Strategies in Chemotherapy for Gliomas. <i>Japanese Journal of Neurosurgery</i> , 2015, 24, 386-398.	0.0	0
96	Prognostic model of lower grade gliomas. <i>Journal of Clinical Oncology</i> , 2015, 33, 2038-2038.	0.8	1
97	The landscape and clonal architecture in lower grade glioma. <i>Journal of Clinical Oncology</i> , 2015, 33, 2008-2008.	0.8	0
98	Rhabdoid glioblastoma: an aggressive variety of astrocytic tumor. <i>Nagoya Journal of Medical Science</i> , 2015, 77, 321-8.	0.6	5
99	Olig2 labeling index is correlated with histological and molecular classifications in low-grade diffuse gliomas. <i>Journal of Neuro-Oncology</i> , 2014, 120, 283-291.	1.4	7
100	Association of dorsal inferior frontooccipital fasciculus fibers in the deep parietal lobe with both reading and writing processes: a brain mapping study. <i>Journal of Neurosurgery</i> , 2014, 121, 142-148.	0.9	53
101	GE-34 * THE MUTATIONAL LANDSCAPE AND TEMPORAL AND SPATIAL CLONAL EVOLUTION TO PROGRESSION IN 351 LOW-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2014, 16, v103-v104.	0.6	0
102	Papillary glioneuronal tumor with a high proliferative component and minigemistocytes in a child. <i>Neuropathology</i> , 2014, 34, 484-490.	0.7	7
103	The "one and a half round microcatheterization technique" for stent-assisted coil embolization of intracranial aneurysm: technical case series. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 357-362.	2.0	11
104	RNA Interference Therapeutics for Tumor Therapy. , 2014, , 393-408.		4
105	Assessment of Tumor Cells in a Mouse Model of Diffuse Infiltrative Glioma by Raman Spectroscopy. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	21
106	Blockade of Gap Junction Hemichannel Protects Secondary Spinal Cord Injury from Activated Microglia-Mediated Glutamate Excitotoxicity. <i>Journal of Neurotrauma</i> , 2014, 31, 1967-1974.	1.7	34
107	Clinical use of 11C-methionine and 18F-FDG-PET for germinoma in central nervous system. <i>Annals of Nuclear Medicine</i> , 2014, 28, 94-102.	1.2	28
108	Quantitative metabolome analysis profiles activation of glutaminolysis in glioma with IDH1 mutation. <i>Tumor Biology</i> , 2014, 35, 5911-5920.	0.8	95

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109	Lack of presence of the human cytomegalovirus in human glioblastoma. <i>Modern Pathology</i> , 2014, 27, 922-929.	2.9	47
110	How to Refute Inaccurate Media and Government Reports on Medicine: What Can One Doctor Do?. <i>Neurologia Medico-Chirurgica</i> , 2014, 54, 429-434.	1.0	0
111	Outcomes and Complications following Posterior Long Lumbar Fusions Exceeding Three Levels. <i>Neurologia Medico-Chirurgica</i> , 2014, 54, 707-715.	1.0	11
112	Adipsia increases risk of death in patients with central diabetes insipidus. <i>Endocrine Journal</i> , 2014, 61, 143-148.	0.7	42
113	A Morphologically Atypical Case of Atlantoaxial Rotatory Subluxation. <i>Journal of Korean Neurosurgical Society</i> , 2014, 55, 284.	0.5	0
114	Abstract 2229: Whole exome sequencing reveals the landscape of gene mutations and evolution in low-grade glioma. , 2014, , .		0
115	Preclinical evaluation of an O(6)-methylguanine-DNA methyltransferase-siRNA/liposome complex administered by convection-enhanced delivery to rat and porcine brains. <i>American Journal of Translational Research (discontinued)</i> , 2014, 6, 169-78.	0.0	10
116	What does the CT angiography "spot sign" of intracerebral hemorrhage mean in modern neurosurgical settings with minimally invasive endoscopic techniques?. <i>Neurosurgical Review</i> , 2013, 36, 341-348.	1.2	10
117	Endovascular intervention for acute cervical carotid artery occlusion. <i>Acta Neurochirurgica</i> , 2013, 155, 1115-1123.	0.9	20
118	Spinal intradural cystic venous angioma originating from a nerve root in the cauda equina. <i>Journal of Neurosurgery: Spine</i> , 2013, 19, 716-720.	0.9	3
119	Chromatin Regulator PRC2 Is a Key Regulator of Epigenetic Plasticity in Glioblastoma. <i>Cancer Research</i> , 2013, 73, 4559-4570.	0.4	91
120	Transvertebral anterior cervical foraminotomy: midterm outcomes of clinical and radiological assessments including the finite element method. <i>European Spine Journal</i> , 2013, 22, 2884-2890.	1.0	26
121	Clinical features of patients bearing central nervous system hemangioblastoma in von Hippel-Lindau disease. <i>Acta Neurochirurgica</i> , 2013, 155, 1-7.	0.9	28
122	Anatomical annotation on vascular structure in volume rendered images. <i>Computerized Medical Imaging and Graphics</i> , 2013, 37, 131-141.	3.5	7
123	Randomized trial of chemoradiotherapy and adjuvant chemotherapy with nimustine (ACNU) versus nimustine plus procarbazine for newly diagnosed anaplastic astrocytoma and glioblastoma (JCOG0305). <i>Cancer Chemotherapy and Pharmacology</i> , 2013, 71, 511-521.	1.1	25
124	Statistical parametric mapping of interictal 123I-iomazenil SPECT in temporal lobe epilepsy surgery. <i>Epilepsy Research</i> , 2013, 106, 173-180.	0.8	7
125	Stem Cells from Human Exfoliated Deciduous Tooth-Derived Conditioned Medium Enhance Recovery of Focal Cerebral Ischemia in Rats. <i>Tissue Engineering - Part A</i> , 2013, 19, 24-29.	1.6	131
126	A hypoxia-inducible factor (HIF)-3 β splicing variant, HIF-3 β 4 impairs angiogenesis in hypervascular malignant meningiomas with epigenetically silenced HIF-3 β 4. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 139-144.	1.0	29

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127	Injectable Bone Tissue Engineering Using Expanded Mesenchymal Stem Cells. <i>Stem Cells</i> , 2013, 31, 572-580.	1.4	75
128	Pial Arteriovenous Fistula as a Cause of Bilateral Thalamic Hyperintensities—An Unusual Case Report and Review of the Literature. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2013, 74, e18-e24.	0.4	3
129	Adoptive transfer of genetically modified Wilms' tumor 1-specific T cells in a novel malignant skull base meningioma model. <i>Neuro-Oncology</i> , 2013, 15, 747-758.	0.6	12
130	Role of SVIL phosphorylation by PLK1 in myosin II activation and cytokinetic furrowing. <i>Journal of Cell Science</i> , 2013, 126, 3627-37.	1.2	30
131	Interferon- β Delivery via Human Neural Stem Cell Abates Glial Scar Formation in Spinal Cord Injury. <i>Cell Transplantation</i> , 2013, 22, 2187-2201.	1.2	30
132	Spinal Cord Infarction is an Unusual Complication of Intracranial Neuroendovascular Intervention. <i>Interventional Neuroradiology</i> , 2013, 19, 500-505.	0.7	18
133	Stent/Balloon Combination Assist Technique for Wide-Necked Basilar Terminal Aneurysms. <i>Interventional Neuroradiology</i> , 2013, 19, 299-305.	0.7	10
134	Use of High-Field Intraoperative Magnetic Resonance Imaging During Endoscopic Transsphenoidal Surgery for Functioning Pituitary Microadenomas and Small Adenomas Located in the Intraseellar Region. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 501-510.	1.0	24
135	Posterior Fixation for Atlantoaxial Subluxation in a Case With Complex Anomaly of Persistent First Intersegmental Artery and Assimilation in the C1 Vertebra. <i>Neurologia Medico-Chirurgica</i> , 2013, 53, 882-886.	1.0	5
136	A Unique Type of Dural Arteriovenous Fistula at Confluence of Sinuses Treated with Endovascular Embolization: A Case Report. <i>Neurointervention</i> , 2013, 8, 34.	0.5	3
137	Potential biomarkers for pseudoprogression in malignant glioma. <i>Journal of Clinical Oncology</i> , 2013, 31, e13012-e13012.	0.8	0
138	Skull Base Surgery Navigation System Based on Updating Preoperative Images Using Positional Information of Surgical Tools. , 2013, , .		1
139	Epigenetic subclassification of meningiomas based on genome-wide DNA methylation analyses. <i>Carcinogenesis</i> , 2012, 33, 436-441.	1.3	76
140	A novel method of intracranial injection via the postglenoid foramen for brain tumor mouse models. <i>Journal of Neurosurgery</i> , 2012, 116, 630-635.	0.9	21
141	Current Trends in Targeted Therapies for Glioblastoma Multiforme. <i>Neurology Research International</i> , 2012, 2012, 1-13.	0.5	142
142	Differentiation of Newly Diagnosed Glioblastoma Multiforme and Intracranial Diffuse Large B-cell Lymphoma Using ^{11}C -Methionine and ^{18}F -FDG PET. <i>Clinical Nuclear Medicine</i> , 2012, 37, 843-849.	0.7	28
143	Significant induction of apoptosis in renal cell carcinoma cells transfected with cationic multilamellar liposomes containing the human interferon- β gene through activation of the intracellular type 1 interferon signal pathway. <i>International Journal of Oncology</i> , 2012, 40, 1441-6.	1.4	2
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