

# Akitake Mukasa

## List of Publications by Year in descending order

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148  
papers

7,415  
citations

117625

34  
h-index

56724

83  
g-index

153  
all docs

153  
docs citations

153  
times ranked

12099  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage/microglia-derived IL-1 $\beta$ induces glioblastoma growth via the STAT3/NF- $\kappa$ B pathway. Human Cell, 2022, 35, 226-237.	2.7	19
2	12p gain is predominantly observed in non-germinomatous germ cell tumors and identifies an unfavorable subgroup of central nervous system germ cell tumors. Neuro-Oncology, 2022, 24, 834-846.	1.2	16
3	Transcriptome and methylome analysis of CNS germ cell tumor finds its cell-of-origin in embryogenesis and reveals shared similarities with testicular counterparts. Neuro-Oncology, 2022, 24, 1246-1258.	1.2	14
4	Hybrid deep-learning-based denoising method for compressed sensing in pituitary MRI: comparison with the conventional wavelet-based denoising method. European Radiology, 2022, 32, 4527-4536.	4.5	6
5	Rectal cancer diagnosed after resection of isolated brain metastasis. Surgical Case Reports, 2022, 8, 52.	0.6	1
6	Blocking cholesterol efflux mechanism is a potential target for antilymphoma therapy. Cancer Science, 2022, , .	3.9	6
7	Prognostic Factors and Histopathological Features of Pediatric Intracranial Ependymomas: Nationwide Brain Tumor Registry-based Study of Japan. Neurologia Medico-Chirurgica, 2022, 62, 322-327.	2.2	1
8	Subarachnoid Hemorrhage due to the Rupture of an Anterior Communicating Artery Aneurysm during the Treatment of Mycosis Fungoides : A Case Report. Japanese Journal of Neurosurgery, 2022, 31, 247-252.	0.0	0
9	Ribosomal proteins induce stem cell-like characteristics in glioma cells as an "extra-ribosomal function" Brain Tumor Pathology, 2022, 39, 51-56.	1.7	5
10	A case of subarachnoid hemorrhage caused by multiple cerebral aneurysms due to segmental arterial mediolysis. , 2022, 13, 175.		1
11	Diffusely infiltrating glioma with CREBBP-BCORL1 fusion showing overexpression of not only BCORL1 but BCOR: A case report. Brain Tumor Pathology, 2022, 39, 171-178.	1.7	5
12	Whole Tumor Radiomics Analysis for Risk Factors Associated With Rapid Growth of Vestibular Schwannoma in Contrast-Enhanced T1-Weighted Images. World Neurosurgery, 2022, 166, e572-e582.	1.3	1
13	Intracranial and extracranial multiple arterial dissecting aneurysms in rheumatoid arthritis: A case report. Interventional Neuroradiology, 2021, 27, 212-218.	1.1	6
14	Efficacy of lumbar spinal drainage for straightforward approach in reoperation via lateral suboccipital retrosigmoid craniotomy. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2021, 23, 100915.	0.3	1
15	Recent Advancements in the Treatment of Brain Metastasis. Japanese Journal of Neurosurgery, 2021, 30, 365-373.	0.0	0
16	Fine-Tuning Approach for Segmentation of Gliomas in Brain Magnetic Resonance Images with a Machine Learning Method to Normalize Image Differences among Facilities. Cancers, 2021, 13, 1415.	3.7	28
17	Minimally invasive treatment strategy for partially thrombosed anterior inferior cerebellar artery aneurysm: A case report. , 2021, 12, 195.		0
18	Correlation of Inflow Velocity Ratio Detected by Phase Contrast Magnetic Resonance Angiography with the Bleb Color of Unruptured Intracranial Aneurysms. World Neurosurgery: X, 2021, 10, 100098.	1.1	2

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19	A Novel Topical Fluorescent Probe for Detection of Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 3936-3947.	7.0	20
20	Sympathetic hyperactivity, hypertension, and tachycardia induced by stimulation of the ponto-medullary junction in humans. <i>Clinical Neurophysiology</i> , 2021, 132, 1264-1273.	1.5	2
21	Development of Innovative Neurosurgical Operation Support Method Using Mixed-Reality Computer Graphics. <i>World Neurosurgery: X</i> , 2021, 11, 100102.	1.1	7
22	Ruptured aneurysm related with segmental agenesis of the internal carotid artery distal to the posterior communicating artery. <i>Neurological Sciences</i> , 2021, 42, 4359-4362.	1.9	0
23	Gene expression profiling of 19q-loss astrocytomas suggest a specific pattern associated with the better prognosis. <i>Journal of Neuro-Oncology</i> , 2021, 154, 221-228.	2.9	0
24	Low tumor cell content predicts favorable prognosis in germinoma patients. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab110.	0.7	8
25	Development of a New Image-Guided Neuronavigation System: Mixed-Reality Projection Mapping Is Accurate and Feasible. <i>Operative Neurosurgery</i> , 2021, 21, 549-557.	0.8	5
26	Glioma Cells Acquire Stem-like Characters by Extrinsic Ribosome Stimuli. <i>Cells</i> , 2021, 10, 2970.	4.1	7
27	Hemichorea induced by a sphenoid ridge meningioma. <i>Surgical Neurology International</i> , 2021, 12, 201.	0.2	0
28	SURG-10. DEVELOPMENT OF NOVEL TOPICAL FLUORESCENT PROBE FOR INTRAOPERATIVE RAPID DETECTION OF GLIOMA. <i>Neuro-Oncology</i> , 2021, 23, vi197-vi197.	1.2	0
29	Hemichorea induced by a sphenoid ridge meningioma. , 2021, 12, 201.		0
30	COT-18 Trends in Primary Brain Tumors in Kumamoto Prefecture with Declining Birthrate and Aging Population - Kumamoto Prefecture Brain Tumor Epidemiological Survey. <i>Neuro-Oncology Advances</i> , 2021, 3, vi30-vi30.	0.7	0
31	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.	0.7	0
32	MPC-7 Clinical features of Diffuse hemispheric glioma, H3 G34-mutant in children and young adults. <i>Neuro-Oncology Advances</i> , 2021, 3, vi17-vi17.	0.7	0
33	CS-6 A case of poorly differentiated chordoma with systemic metastasis. <i>Neuro-Oncology Advances</i> , 2021, 3, vi28-vi28.	0.7	0
34	Atypical pituitary abscess lacking rim enhancement and diffusion restriction with an unusual organism, <i>Moraxella catarrhalis</i> : A case report and review of the literature. , 2021, 12, 617.		3
35	Enhanced oxidative stress contributes to worse prognosis and delayed neurofunctional recovery after striatal intracerebral hemorrhage in 5XFAD mice. <i>European Journal of Neuroscience</i> , 2020, 51, 1806-1814.	2.6	10
36	An initial experience of machine learning based on multi-sequence texture parameters in magnetic resonance imaging to differentiate glioblastoma from brain metastases. <i>Journal of the Neurological Sciences</i> , 2020, 410, 116514.	0.6	21

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37	The Stabilization of Central Sympathetic Nerve Activation by Renal Denervation Prevents Cerebral Vasospasm after Subarachnoid Hemorrhage in Rats. <i>Translational Stroke Research</i> , 2020, 11, 528-540.	4.2	24
38	Histone deacetylase inhibition enhances the therapeutic effects of methotrexate on primary central nervous system lymphoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa084.	0.7	7
39	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.	2.9	5
40	Ribosomal protein S6 promotes stem-like characters in glioma cells. <i>Cancer Science</i> , 2020, 111, 2041-2051.	3.9	16
41	Hemodynamic study about cortical hyperintensity belt sign after direct bypass surgery for moyamoya disease. <i>Journal of Clinical Neuroscience</i> , 2020, 74, 124-129.	1.5	7
42	Validation study of the Japanese version of MD Anderson Symptom Inventory for Brain Tumor module. <i>Japanese Journal of Clinical Oncology</i> , 2020, 50, 787-793.	1.3	6
43	Genome Medicine for Brain Tumors: Current Status and Future Perspectives. <i>Neurologia Medico-Chirurgica</i> , 2020, 60, 531-542.	2.2	5
44	EPID-01. TRENDS OF INCIDENCE IN PEDIATRIC BRAIN TUMORS IN KUMAMOTO PREFECTURE, JAPAN. <i>Neuro-Oncology</i> , 2020, 22, iii319-iii319.	1.2	0
45	Surgical Treatment of Glioblastoma : Current Limitations and Future Possibilities. <i>Japanese Journal of Neurosurgery</i> , 2020, 29, 173-180.	0.0	0
46	A case of suprasellar Erdheim-Chester disease and characterization of macrophage phenotype. <i>Journal of Clinical and Experimental Hematopathology: JCEH</i> , 2020, 60, 179-182.	0.8	1
47	NIMG-29. DEVELOPING AUTOMATIC SEGMENTATION METHOD FOR BRAIN TUMOR MR IMAGES THAT CAN BE USED AT MULTIPLE FACILITIES. <i>Neuro-Oncology</i> , 2020, 22, ii153-ii154.	1.2	0
48	ML-15 The future direction of treatment development for primary central nervous system lymphoma (PCNSL). <i>Neuro-Oncology Advances</i> , 2020, 2, ii17-ii17.	0.7	0
49	QOLP-07. HEALTH-RELATED QUALITY OF LIFE AND SYMPTOM BURDEN IN PATIENTS WITH NEWLY DIAGNOSED GLIOBLASTOMA TREATED WITH BEVACIZUMAB BEYOND PROGRESSION: A PROSPECTIVE TRIAL. <i>Neuro-Oncology</i> , 2020, 22, ii176-ii176.	1.2	0
50	PATH-10. EFFECTS OF 19q-LOSS IN IDH-MUTATED ASTROCYTOMAS ON BETTER PROGNOSIS AND OLIGODENDROGLIOMA-LIKE MORPHOLOGY. <i>Neuro-Oncology</i> , 2020, 22, ii165-ii166.	1.2	0
51	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.	1.2	74
52	Regulation of growth hormone biosynthesis by Cdk5 regulatory subunit associated protein 1-like 1 (CDKAL1) in pituitary adenomas. <i>Endocrine Journal</i> , 2019, 66, 807-816.	1.6	9
53	Histological analysis of infiltrating macrophages in the cerebral aneurysm walls. <i>Journal of Clinical Neuroscience</i> , 2019, 67, 204-209.	1.5	5
54	2-Methylthio Conversion of N6-Isopentenyladenosine in Mitochondrial tRNAs by CDK5RAP1 Promotes the Maintenance of Glioma-Initiating Cells. <i>IScience</i> , 2019, 21, 42-56.	4.1	14

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55	MLTI-15. A CASE SERIES OF PRE-OPERATIVE GAMMA-KNIFE RADIOSURGERY FOR RESECTABLE BRAIN METASTASES. <i>Neuro-Oncology Advances</i> , 2019, 1, i17-i17.	0.7	0
56	Spray Fluorescent Probes for Fluorescence-Guided Neurosurgery. <i>Frontiers in Oncology</i> , 2019, 9, 727.	2.8	7
57	Radiomics Analysis for Glioma Malignancy Evaluation Using Diffusion Kurtosis and Tensor Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 784-791.	0.8	28
58	Surgical Treatment of Spontaneous Internal Carotid Artery Dissection with Abducent Nerve Palsy: Case Report and Review of Literature. <i>World Neurosurgery</i> , 2019, 125, 10-14.	1.3	5
59	Multiple Cerebral Aneurysms Associated With Neurofibromatosis Type 1. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, e83-e91.	1.6	10
60	Reduced Neoantigen Expression Revealed by Longitudinal Multiomics as a Possible Immune Evasion Mechanism in Glioma. <i>Cancer Immunology Research</i> , 2019, 7, 1148-1161.	3.4	56
61	Intraoperative quantification of meningioma cell proliferation potential using rapid flow cytometry reveals intratumoral heterogeneity. <i>Cancer Medicine</i> , 2019, 8, 2793-2801.	2.8	7
62	Vasospasm as a major complication after acute mechanical thrombectomy with stent retrievers. <i>Journal of Clinical Neuroscience</i> , 2019, 64, 163-168.	1.5	5
63	Internal carotid artery aneurysms diagnosed after stereotactic radiosurgery for a growth hormone-secreting pituitary adenoma: a case report and literature review. <i>Acta Neurochirurgica</i> , 2019, 161, 1191-1195.	1.7	6
64	Predictors for Functional Outcome in Patients with Aneurysmal Subarachnoid Hemorrhage Who Completed In-Hospital Rehabilitation in a Single Institution. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1943-1950.	1.6	15
65	Continuous intracerebroventricular injection of <i>Porphyromonas gingivalis</i> lipopolysaccharide induces systemic organ dysfunction in a mouse model of Alzheimer's disease. <i>Experimental Gerontology</i> , 2019, 120, 1-5.	2.8	42
66	DNA demethylation is associated with malignant progression of lower-grade gliomas. <i>Scientific Reports</i> , 2019, 9, 1903.	3.3	31
67	BOT-02 2-METHYLTHIO MODIFICATION OF N6-ISOPENTENYLADENOSINE IN MITOCHONDRIAL TRNAS BY CDK5RAP1 PROMOTES THE MAINTENANCE OF GLIOMA-INITIATING CELLS. <i>Neuro-Oncology Advances</i> , 2019, 1, ii12-ii12.	0.7	0
68	ML-03 RECONSIDERATION OF TREATMENT FOR ELDERLY PATIENTS WITH PRIMARY CENTRAL NERVE SYSTEM LYMPHOMAS. <i>Neuro-Oncology Advances</i> , 2019, 1, ii32-ii32.	0.7	0
69	Cranial Reconstruction with Titanium Mesh for Open Depressed Skull Fracture in Children: Reports of Two Cases with Long-term Observation. <i>Kurume Medical Journal</i> , 2019, 66, 77-80.	0.1	6
70	Prediction of malignant glioma grades using contrast-enhanced T1-weighted and T2-weighted magnetic resonance images based on a radiomic analysis. <i>Scientific Reports</i> , 2019, 9, 19411.	3.3	27
71	Pattern of FDG and MET Distribution in High- and Low-Grade Gliomas on PET Images. <i>Clinical Nuclear Medicine</i> , 2019, 44, 265-271.	1.3	13
72	Maffucci syndrome complicated by three different central nervous system tumors sharing an IDH1 R132C mutation: case report. <i>Journal of Neurosurgery</i> , 2019, 131, 1829-1834.	1.6	6

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73	Therapeutic Strategy for Glioma Grade 2. Japanese Journal of Neurosurgery, 2019, 28, 699-704.	0.0	0
74	Brain Embolism caused by Acute Middle Cerebral Artery Occlusion after Left Upper Lobectomy for Lung Cancer : Case Report and Review of Literature. Japanese Journal of Neurosurgery, 2019, 28, 646-651.	0.0	0
75	Usefulness of Oblique Coronal Computed Tomography and Magnetic Resonance Imaging in the Endoscopic Endonasal Approach to Treat Skull Base Lesions. World Neurosurgery, 2018, 113, e10-e19.	1.3	1
76	Clinical significance of polyglutamylation in primary central nervous system lymphoma. Acta Neuropathologica Communications, 2018, 6, 15.	5.2	5
77	JCOG0911 INTEGRA study: a randomized screening phase II trial of interferon- $\beta$ plus temozolomide in comparison with temozolomide alone for newly diagnosed glioblastoma. Journal of Neuro-Oncology, 2018, 138, 627-636.	2.9	49
78	Oligodendrocyte Progenitor Cells and Macrophages/Microglia Produce Glioma Stem Cell Niches at the Tumor Border. EBioMedicine, 2018, 30, 94-104.	6.1	77
79	Role of endoscopic transnasal surgery for skull base chondrosarcoma: a retrospective analysis of 19 cases at a single institution. Journal of Neurosurgery, 2018, 128, 1438-1447.	1.6	27
80	Brachyury gene copy number gain and activation of the PI3K/Akt pathway: association with upregulation of oncogenic Brachyury expression in skull base chordoma. Journal of Neurosurgery, 2018, 128, 1428-1437.	1.6	36
81	Identification of a novel fusion gene <i>HMGA2-EGFR</i> in glioblastoma. International Journal of Cancer, 2018, 142, 1627-1639.	5.1	12
82	NIMG-39. THE EVALUATION OF DIFFUSION TENSOR TRACTOGRAPHY USING MIXED REALITY INTEGRATED VIRTUAL SPACE AND REAL SPACE. Neuro-Oncology, 2018, 20, vi184-vi184.	1.2	1
83	Modified frailty index predicts postoperative outcomes of spontaneous intracerebral hemorrhage. Clinical Neurology and Neurosurgery, 2018, 175, 137-143.	1.4	26
84	miR-21 mediated inactivation of p73 is required for glioblastoma tumorigenicity. EMBO Reports, 2018, 19, .	4.5	35
85	Machine learning based on multi-parametric magnetic resonance imaging to differentiate glioblastoma multiforme from primary cerebral nervous system lymphoma. European Journal of Radiology, 2018, 108, 147-154.	2.6	41
86	BCL2 expression is associated with a poor prognosis independent of cellular origin in primary central nervous system diffuse large B-cell lymphoma. Journal of Neuro-Oncology, 2018, 140, 115-121.	2.9	16
87	Concomitant administration of radiation with eribulin improves the survival of mice harboring intracerebral glioblastoma. Cancer Science, 2018, 109, 2275-2285.	3.9	14
88	Is hemifacial spasm affected by changes in the heart rate? A study using heart rate variability analysis. Clinical Neurophysiology, 2018, 129, 2205-2214.	1.5	8
89	Employment status and termination among survivors of pediatric brain tumors: a cross-sectional survey. International Journal of Clinical Oncology, 2018, 23, 801-811.	2.2	12
90	A Rare Case of Thyrotropin-Secreting Pituitary Adenoma Coexisting with Papillary Thyroid Carcinoma Presenting with Visual Disturbance without Hyperthyroidism. World Neurosurgery, 2018, 119, 394-399.	1.3	1

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91	<i>IDH1</i> -mutated astrocytomas with 19q loss constitute a subgroup that confers better prognosis. <i>Cancer Science</i> , 2018, 109, 2327-2335.	3.9	20
92	Genome-wide DNA methylation profiling identifies primary central nervous system lymphoma as a distinct entity different from systemic diffuse large B-cell lymphoma. <i>Acta Neuropathologica</i> , 2017, 133, 321-324.	7.7	18
93	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.	7.7	64
94	An automated voxel-based method for calculating the reference value for a brain tumour metabolic index using 18F-FDG-PET and 11C-methionine PET. <i>Annals of Nuclear Medicine</i> , 2017, 31, 250-259.	2.2	5
95	Differences in genetic and epigenetic alterations between von Hippel-Lindau disease-related and sporadic hemangioblastomas of the central nervous system. <i>Neuro-Oncology</i> , 2017, 19, 1228-1236.	1.2	26
96	Genetic and epigenetic stability of oligodendrogliomas at recurrence. <i>Acta Neuropathologica Communications</i> , 2017, 5, 18.	5.2	47
97	Successful treatment of mixed yolk sac tumor and mature teratoma in the spinal cord: case report. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 319-324.	1.7	9
98	Distinct molecular profile of diffuse cerebellar gliomas. <i>Acta Neuropathologica</i> , 2017, 134, 941-956.	7.7	40
99	Spinal Cord Astrocytoma with Isocitrate Dehydrogenase 1 Gene Mutation. <i>World Neurosurgery</i> , 2017, 108, 991.e13-991.e16.	1.3	16
100	Development of Database and Genomic Medicine for von Hippel-Lindau Disease in Japan. <i>Neurologia Medico-Chirurgica</i> , 2017, 57, 59-65.	2.2	6
101	Utility of ATRX immunohistochemistry in diagnosis of adult diffuse gliomas. <i>Histopathology</i> , 2016, 69, 260-267.	2.9	54
102	Diagnostic value of glutamate with 2-hydroxyglutarate in magnetic resonance spectroscopy for <i>IDH1</i> mutant glioma. <i>Neuro-Oncology</i> , 2016, 18, now090.	1.2	56
103	Intracranial Infantile Myofibromatosis Mimicking Malignant Brain Tumor: A Case Report and Literature Review. <i>World Neurosurgery</i> , 2016, 93, 487.e15-487.e20.	1.3	8
104	A combination of TERT promoter mutation and MGMT methylation status predicts clinically relevant subgroups of newly diagnosed glioblastomas. <i>Acta Neuropathologica Communications</i> , 2016, 4, 79.	5.2	189
105	A prospective, multicentre, single-arm clinical trial of bevacizumab for patients with surgically untreatable, symptomatic brain radiation necrosis. <i>Neuro-Oncology Practice</i> , 2016, 3, 272-280.	1.6	34
106	Genomic characterization of primary central nervous system lymphoma. <i>Acta Neuropathologica</i> , 2016, 131, 865-875.	7.7	138
107	Recurrent neomorphic mutations of MTOR in central nervous system and testicular germ cell tumors may be targeted for therapy. <i>Acta Neuropathologica</i> , 2016, 131, 889-901.	7.7	70
108	Human chorionic gonadotropin is expressed virtually in all intracranial germ cell tumors. <i>Journal of Neuro-Oncology</i> , 2015, 124, 23-32.	2.9	26

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109	Neuroendoscopic Ventriculocisternostomy with Stent Placement for Trapped Temporal Horn After the Resection of Glioblastoma. <i>World Neurosurgery</i> , 2015, 84, 2078.e5-2078.e8.	1.3	16
110	Findings from positron emission tomography and genetic analyses for cerebellar liponeurocytoma. <i>Brain Tumor Pathology</i> , 2015, 32, 210-215.	1.7	14
111	Evolution of DNA repair defects during malignant progression of low-grade gliomas after temozolomide treatment. <i>Acta Neuropathologica</i> , 2015, 129, 597-607.	7.7	143
112	Validation study of the Japanese version of M.D. Anderson Symptom Inventory Brain Tumor Module.. <i>Journal of Clinical Oncology</i> , 2015, 33, e17658-e17658.	1.6	0
113	5-Hydroxymethylcytosine Plays a Critical Role in Glioblastomagenesis by Recruiting the CHTOP-Methylosome Complex. <i>Cell Reports</i> , 2014, 9, 48-60.	6.4	122
114	The long-term outcomes of radiosurgery for intracranial hemangioblastomas. <i>Neuro-Oncology</i> , 2014, 16, 429-433.	1.2	45
115	Impact of Late Effects on Health-Related Quality of Life in Survivors of Pediatric Brain Tumors. <i>Cancer Nursing</i> , 2014, 37, E1-E14.	1.5	28
116	PCDH10 is required for the tumorigenicity of glioblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 444, 13-18.	2.1	12
117	H3F3A K27M mutations in thalamic gliomas from young adult patients. <i>Neuro-Oncology</i> , 2014, 16, 140-146.	1.2	151
118	Mutually exclusive mutations of KIT and RAS are associated with KIT mRNA expression and chromosomal instability in primary intracranial pure germinomas. <i>Acta Neuropathologica</i> , 2014, 127, 911-925.	7.7	82
119	Mutational Analysis Reveals the Origin and Therapy-Driven Evolution of Recurrent Glioma. <i>Science</i> , 2014, 343, 189-193.	12.6	1,147
120	Corticospinal tract-sparing intensity-modulated radiotherapy treatment planning. <i>Reports of Practical Oncology and Radiotherapy</i> , 2014, 19, 310-316.	0.6	11
121	Cancer-specific health-related quality of life in children with brain tumors. <i>Quality of Life Research</i> , 2014, 23, 1059-1068.	3.1	14
122	Toxicity and Outcome of Radiotherapy with Concomitant and Adjuvant Temozolomide in Elderly Patients with Glioblastoma: A Retrospective Study. <i>Neurologia Medico-Chirurgica</i> , 2014, 54, 272-279.	2.2	18
123	Stereotactic Radiosurgery for Intracranial Gliomas. <i>Neurosurgery Clinics of North America</i> , 2013, 24, 605-612.	1.7	8
124	Factors influencing self- and parent-reporting health-related quality of life in children with brain tumors. <i>Quality of Life Research</i> , 2013, 22, 185-201.	3.1	18
125	Genetic Variant <i>RNF213</i> c.14576G>A in Various Phenotypes of Intracranial Major Artery Stenosis/Occlusion. <i>Stroke</i> , 2013, 44, 2894-2897.	2.0	132
126	Identification of a Genetic Variant Common to Moyamoya Disease and Intracranial Major Artery Stenosis/Occlusion. <i>Stroke</i> , 2012, 43, 3371-3374.	2.0	126

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127	Culture-negative Brain Abscess with <i>Streptococcus intermedius</i> ; Infection with Diagnosis Established by Direct Nucleotide Sequence Analysis of the 16S Ribosomal RNA Gene. <i>Internal Medicine</i> , 2012, 51, 211-216.	0.7	20
128	Tumor-to-Tumor Metastasis: Lung Adenocarcinoma Metastasizing to Vestibular Schwannoma Suspected on Preoperative [18F]-Fluorodeoxyglucose Positron Emission Tomography Imaging. <i>World Neurosurgery</i> , 2012, 78, 553.e9-553.e13.	1.3	12
129	Significance of <i>IDH</i> mutations varies with tumor histology, grade, and genetics in Japanese glioma patients. <i>Cancer Science</i> , 2012, 103, 587-592.	3.9	87
130	Spontaneous regression of germinoma in the pineal region before endoscopic surgery: a pitfall of modern strategy for pineal germ cell tumors. <i>Journal of Neuro-Oncology</i> , 2011, 103, 755-758.	2.9	18
131	Homozygously deleted gene <i>DACH1</i> regulates tumor-initiating activity of glioma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12384-12389.	7.1	40
132	Guanylate binding protein 1 is a novel effector of EGFR-driven invasion in glioblastoma. <i>Journal of Experimental Medicine</i> , 2011, 208, 2657-2673.	8.5	65
133	Guanylate binding protein 1 is a novel effector of EGFR-driven invasion in glioblastoma. <i>Journal of Cell Biology</i> , 2011, 195, i10-i10.	5.2	0
134	Development of the Japanese version of the Pediatric Quality of Life Inventory <sup>®</sup> , <sup>®</sup> Brain Tumor Module. <i>Health and Quality of Life Outcomes</i> , 2010, 8, 38.	2.4	21
135	Tumor heterogeneity is an active process maintained by a mutant EGFR-induced cytokine circuit in glioblastoma. <i>Genes and Development</i> , 2010, 24, 1731-1745.	5.9	454
136	Mutant EGFR is required for maintenance of glioma growth in vivo, and its ablation leads to escape from receptor dependence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2616-2621.	7.1	63
137	Escape from targeted inhibition: The dark side of kinase inhibitor therapy. <i>Cell Cycle</i> , 2010, 9, 1661-1662.	2.6	12
138	Quantitative analysis of EGFR <sup>viii</sup> cellular signaling networks reveals a combinatorial therapeutic strategy for glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12867-12872.	7.1	365
139	Malignant astrocytic glioma: genetics, biology, and paths to treatment. <i>Genes and Development</i> , 2007, 21, 2683-2710.	5.9	1,952
140	A meta-clustering analysis indicates distinct pattern alteration between two series of gene expression profiles for induced ischemic tolerance in rats. <i>Physiological Genomics</i> , 2005, 21, 274-283.	2.3	7
141	Genome-Wide Gene Expression Analysis for Induced Ischemic Tolerance and Delayed Neuronal Death following Transient Global Ischemia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 212-233.	4.3	102
142	Selective Expression of a Subset of Neuronal Genes in Oligodendroglioma with Chromosome 1p Loss. <i>Brain Pathology</i> , 2004, 14, 34-42.	4.1	57
143	Distinction in gene expression profiles of oligodendrogliomas with and without allelic loss of 1p. <i>Oncogene</i> , 2002, 21, 3961-3968.	5.9	80
144	Correlation of histology and molecular genetic analysis of 1p, 19q, 10q, TP53, EGFR, CDK4, and CDKN2A in 91 astrocytic and oligodendroglial tumors. <i>Clinical Cancer Research</i> , 2002, 8, 196-201.	7.0	104

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145	A Case of Thalamic Glioblastoma developing Extensive Dissemination via the Stereotaxic Needle Biopsy Tract. Japanese Journal of Neurosurgery, 2001, 10, 185-189.	0.0	0
146	Posttraumatic Cerebral Infarction Caused by a Left Atrial Myxoma: Case Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 49, 1138-1140.	2.4	2
147	Mesh-and-Glue Technique to Prevent Leakage of Cerebrospinal Fluid After Implantation of Expanded Polytetrafluoroethylene Dura Substitute. "Technical Note". Neurologia Medico-Chirurgica, 1999, 39, 316-319.	2.2	41
148	Acute Subdural Hematoma with Rapid Resolution : Report of Three Cases. Japanese Journal of Neurosurgery, 1999, 8, 675-679.	0.0	3