Atsushi Natsume

List of Publications by Year in Descending Order

195 papers	5,190 citations	42 h-index	65 g-index
207 ext. papers	6,129 ext. citations	4.5 avg, IF	5.12 L-index

#	Paper	IF	Citations
195	Long-term effectiveness of Gliadel implant for malignant glioma and prognostic factors for survival: 3-year results of a postmarketing surveillance in Japan.. *Neuro-Oncology Advances*, **2022**, 4, vdab189	0.9	0
194	Neuroregeneration Therapy for Spinal Cord Injury through the Introduction of a Neuro-transcription Factor into Injury-induced Stem Cells. *Spinal Surgery*, **2022**, 36, 100-104	0	
193	St8sia1-deficiency in mice alters tumor environments of gliomas, leading to reduced disease severity. *Nagoya Journal of Medical Science*, **2021**, 83, 535-549	0.7	2
192	Reliability of IDH1-R132H and ATRX and/or p53 immunohistochemistry for molecular subclassification of Grade 2/3 gliomas. *Brain Tumor Pathology*, **2021**, 39, 14	3.2	1
191	Intraoperative H3F3A K27M Mutation-based Diagnosis of Spinal Cord Intramedullary Tumor. *Spinal Surgery*, **2021**, 35, 215-217	0	
190	Survival Benefit of Supratotal Resection in a Long-term Survivor of -wildtype Glioblastoma: A Case Report and Literature Review.. *NMC Case Report Journal*, **2021**, 8, 747-753	0.6	0
189	Effects of insular resection on interactions between cardiac interoception and emotion recognition. *Cortex*, **2021**, 137, 271-281	3.8	3
188	Urinary MicroRNA-Based Diagnostic Model for Central Nervous System Tumors Using Nanowire Scaffolds. *ACS Applied Materials & Interfaces*, **2021**, 13, 17316-17329	9.5	6
187	Establishment of in-hospital clinical network for patients with neurofibromatosis type 1 in Nagoya University Hospital. *Scientific Reports*, **2021**, 11, 11933	4.9	4
186	Lack of GD3 synthase (St8sia1) attenuates malignant properties of gliomas in genetically engineered mouse model. *Cancer Science*, **2021**, 112, 3756-3768	6.9	5
185	Newly established patient-derived organoid model of intracranial meningioma. *Neuro-Oncology*, **2021**, 23, 1936-1948	1	4
184	Preoperative Intracranial Dissemination of Spinal Myxopapillary Ependymoma Attributed to Tumor Hemorrhage. *World Neurosurgery*, **2021**, 145, 13-18	2.1	0
183	Clinical practice guidance for next-generation sequencing in cancer diagnosis and treatment (edition 2.1). *International Journal of Clinical Oncology*, **2021**, 26, 233-283	4.2	20
182	Spontaneous Rupture of a Huge Presacral Tarlov Cyst Leading to Dramatic Neurologic Recovery. *World Neurosurgery*, **2021**, 145, 306-310	2.1	1
181	So-called bifocal tumors with diabetes insipidus and negative tumor markers: are they all germinoma?. *Neuro-Oncology*, **2021**, 23, 295-303	1	8
180	Effects of aspirin and heparin treatment on perioperative outcomes in patients with Moyamoya disease. *Acta Neurochirurgica*, **2021**, 163, 1485-1491	3	6
179	Importance of Hydrostatic Pressure and Irrigation for Hemostasis in Neuroendoscopic Surgery. *Neurologia Medico-Chirurgica*, **2021**, 61, 117-123	2.6	0

178	Concept and Optimal Treatments of Malignant Gliomas. *Japanese Journal of Neurosurgery*, **2021**, 30, 374-379	0	
177	Necessity for craniospinal irradiation of germinoma with positive cytology without spinal lesion on MR imaging-A controversy. *Neuro-Oncology Advances*, **2021**, 3, vdab086	0.9	3
176	converts endogenous neural stem cells to neurons with synaptic formation after spinal cord injury. *IScience*, **2021**, 24, 102074	6.1	2
175	Ependymoma-like tumor with mesenchymal differentiation harboring C11orf95-NCOA1/2 or -RELA fusion: A hitherto unclassified tumor related to ependymoma. *Brain Pathology*, **2021**, 31, e12943	6	6
174	Annealed ZnO/AlO Core-Shell Nanowire as a Platform to Capture RNA in Blood Plasma. *Nanomaterials*, **2021**, 11,	5.4	2
173	Mathematical Modeling and Mutational Analysis Reveal Optimal Therapy to Prevent Malignant Transformation in Grade II IDH-Mutant Gliomas. *Cancer Research*, **2021**, 81, 4861-4873	10.1	0
172	Driver Genetic Mutations in Spinal Cord Gliomas Direct the Degree of Functional Impairment in Tumor-Associated Spinal Cord Injury. *Cells*, **2021**, 10,	7.9	1
171	Transcriptome-wide analysis of intracranial artery in patients with moyamoya disease showing upregulation of immune response, and downregulation of oxidative phosphorylation and DNA repair. *Neurosurgical Focus*, **2021**, 51, E3	4.2	0
170	Intraoperative seizure outcome of levetiracetam combined with perampanel therapy in patients with glioma undergoing awake brain surgery. *Journal of Neurosurgery*, **2021**, 1-10	3.2	0
169	Postoperative stroke and neurological outcomes in the early phase after revascularization surgeries for moyamoya disease: an age-stratified comparative analysis. *Neurosurgical Review*, **2021** , 44, 2785-2795	3.9	6
168	Microsatellite instability-high is rare events in refractory pediatric solid tumors.. *Pediatric Hematology and Oncology*, **2021**, 1-7	1.7	0
167	Piecemeal resection of aggressive vertebral hemangioma using real-time navigation-guided drilling technique.. *Nagoya Journal of Medical Science*, **2021**, 83, 861-868	0.7	
166	Genetic analysis in patients with newly diagnosed glioblastomas treated with interferon-beta plus temozolomide in comparison with temozolomide alone. *Journal of Neuro-Oncology*, **2020**, 148, 17-27	4.8	2
165	KHYG-1 Cells With EGFRvIII-specific CAR Induced a Pseudoprogression-like Feature in Subcutaneous Tumours Derived from Glioblastoma-like Cells. *Anticancer Research*, **2020**, 40, 3231-3237	2.3	6
164	Surgical outcome and graded prognostic assessment of patients with brain metastasis from adult sarcoma: multi-institutional retrospective study in Japan. *International Journal of Clinical Oncology*, **2020**, 25, 1995-2005	4.2	1
163	Navigated repetitive transcranial magnetic stimulation as preoperative assessment in patients with brain tumors. *Scientific Reports*, **2020**, 10, 9044	4.9	6
162	H3F3A mutant allele specific imbalance in an aggressive subtype of diffuse midline glioma, H3 K27M-mutant. *Acta Neuropathologica Communications*, **2020**, 8, 8	7.3	6
161	Effect of CRISPR/Cas9-Mediated PD-1-Disrupted Primary Human Third-Generation CAR-T Cells Targeting EGFRvIII on In Vitro Human Glioblastoma Cell Growth. *Cells*, **2020**, 9,	7.9	35

160	Is Precision Oncology Beneficial for Glioblastomas ?. *Japanese Journal of Neurosurgery*, **2020**, 29, 181-187		
159	Long-term survival in patients with primary intracranial germ cell tumors treated with surgery, platinum-based chemotherapy, and radiotherapy: a single-institution study. *Journal of Neurosurgery* , **2020**, 1-9	3.2	0
158	Characteristics of Periventricular Anastomosis after Surgical Revascularization in Pediatric Patients with Moyamoya Disease. *Japanese Journal of Neurosurgery*, **2020**, 29, 442-447	0	1
157	Preoperative predictive factors affecting return to work in patients with gliomas undergoing awake brain mapping. *Journal of Neuro-Oncology*, **2020**, 146, 195-205	4.8	8
156	Multiple metastases to the bone and bone marrow from a 1p/19q-codeleted and -mutant anaplastic oligodendroglioma: a case report and literature review. *Neuro-Oncology Advances*, **2020**, 2, vdaa101	0.9	
155	Trautmann-focused mastoidectomy for a simple, safe presigmoid approach: technical note. *Journal of Neurosurgery*, **2020**, 134, 843-847	3.2	2
154	Malignant transformation of a dysembryoplastic neuroepithelial tumor verified by a shared copy number gain of the tyrosine kinase domain of FGFR1. *Brain Tumor Pathology*, **2020**, 37, 69-75	3.2	1
153	Surgical Designs of Revascularization for Moyamoya Disease: 15 Years of Experience in a Single Center. *World Neurosurgery*, **2020**, 139, e325-e334	2.1	6
152	Next Generation Sequencing-Based Transcriptome Predicts Bevacizumab Efficacy in Combination with Temozolomide in Glioblastoma. *Molecules*, **2019**, 24,	4.8	5
151	Pathogenic Epigenetic Consequences of Genetic Alterations in IDH-Wild-Type Diffuse Astrocytic Gliomas. *Cancer Research*, **2019**, 79, 4814-4827	10.1	2
150	Aberrant Transcriptional Regulation of Super-enhancers by RET Finger Protein-histone Deacetylase 1 Complex in Glioblastoma: Chemoresistance to Temozolomide. *Neurologia Medico-Chirurgica*, **2019** , 59, 293-298	2.6	5
149	Anterior insular cortex stimulation and its effects on emotion recognition. *Brain Structure and Function*, **2019**, 224, 2167-2181	4	15
148	Posterior Cerebral Artery Reconstruction by In-Situ Bypass with Superior Cerebellar Artery via Occipital Transtentorial Approach. *World Neurosurgery*, **2019**, 126, 24-29	2.1	3
147	Multiplex ligation-dependent probe amplification analysis is useful for detecting a copy number gain of the FGFR1 tyrosine kinase domain in dysembryoplastic neuroepithelial tumors. *Journal of Neuro-Oncology*, **2019**, 143, 27-33	4.8	8
146	Overview of DNA methylation in adult diffuse gliomas. *Brain Tumor Pathology*, **2019**, 36, 84-91	3.2	17
145	Aberrant Active cis-Regulatory Elements Associated with Downregulation of RET Finger Protein Overcome Chemoresistance in Glioblastoma. *Cell Reports*, **2019**, 26, 2274-2281.e5	10.6	5
144	Spontaneous Tumor Regression of Intracranial Solitary Fibrous Tumor Originating From the Medulla Oblongata: A Case Report and Literature Review. *World Neurosurgery*, **2019**, 130, 400-404	2.1	1
143	Neurocognitive and functional outcomes in patients with diffuse frontal lower-grade gliomas undergoing intraoperative awake brain mapping. *Journal of Neurosurgery*, **2019**, 132, 1683-1691	3.2	22

142	A Case of Pituitary Gland Metastasis of Prostate Adenocarcinoma presenting Androgen Resistant with Low Testosterone Level. *Japanese Journal of Neurosurgery*, **2019**, 28, 798-803	0	
141	Molecular Diagnosis in WHO Classification of Tumours of the Central Nervous System 2016 : A Domestic Survey and Perspectives. *Japanese Journal of Neurosurgery*, **2019**, 28, 674-685	0	
140	Awake Surgery for Brain Tumors to Preserve Motor, Language, and Neurocognitive Functions. *The Japanese Journal of Rehabilitation Medicine*, **2019**, 56, 613-617	0	
139	A randomized, double-blind, phase III trial of personalized peptide vaccination for recurrent glioblastoma. *Neuro-Oncology*, **2019**, 21, 348-359	1	33
138	A novel high-sensitivity assay to detect a small fraction of mutant IDH1 using droplet digital PCR. *Brain Tumor Pathology*, **2018**, 35, 97-105	3.2	10
137	Pediatric-Type Follicular Lymphoma in the Dura: A Case Report and Literature Review. *World Neurosurgery*, **2018**, 115, 176-180	2.1	1
136	Neuroendoscopic Cylinder Surgery and 5-Aminolevulinic Acid Photodynamic Diagnosis of Deep-Seated Intracranial Lesions. *World Neurosurgery*, **2018**, 116, e35-e41	2.1	6
135	Immunohistochemical ATRX expression is not a surrogate for 1p19q codeletion. *Brain Tumor Pathology*, **2018**, 35, 106-113	3.2	12
134	JCOG0911 INTEGRA study: a randomized screening phase II trial of interferon plus temozolomide in comparison with temozolomide alone for newly diagnosed glioblastoma. *Journal of Neuro-Oncology*, **2018**, 138, 627-636	4.8	28
133	Prognostic relevance of genetic alterations in diffuse lower-grade gliomas. *Neuro-Oncology*, **2018**, 20, 66-77	1	128
132	Cytokine Therapy of Gliomas. *Progress in Neurological Surgery*, **2018**, 32, 79-89	1.4	5
131	Supratotal Resection of Diffuse Frontal Lower Grade Gliomas with Awake Brain Mapping, Preserving Motor, Language, and Neurocognitive Functions. *World Neurosurgery*, **2018**, 119, 30-39	2.1	15
130	The State-of-the-Art Treatments for Brain Tumors using Cell Atlas and Artificial Intelligence. *Japanese Journal of Neurosurgery*, **2018**, 27, 889-895	0	
129	Identification of a novel fusion gene HMGA2-EGFR in glioblastoma. *International Journal of Cancer*, **2018**, 142, 1627-1639	7.5	6
128	Characterization of Intraoperative Motor Evoked Potential Monitoring for Surgery of the Pediatric Population with Brain Tumors. *World Neurosurgery*, **2018**, 119, e1052-e1059	2.1	3
127	Validation of a novel molecular RPA classification in glioblastoma (GBM-molRPA) treated with chemoradiation: A multi-institutional collaborative study. *Radiotherapy and Oncology*, **2018**, 129, 347-351	5.3	11
126	Novel Human NK Cell Line Carrying CAR Targeting EGFRvIII Induces Antitumor Effects in Glioblastoma Cells. *Anticancer Research*, **2018**, 38, 5049-5056	2.3	50
125	Inflammation Flare and Radiation Necrosis Around a Stereotactic Radiotherapy-Pretreated Brain Metastasis Site After Nivolumab Treatment. *Journal of Thoracic Oncology*, **2018**, 13, 1975-1978	8.9	3

124	Podoplanin: An emerging cancer biomarker and therapeutic target. *Cancer Science*, **2018**, 109, 1292-1299	6.9	75
123	Surgical benefits of combined awake craniotomy and intraoperative magnetic resonance imaging for gliomas associated with eloquent areas. *Journal of Neurosurgery*, **2017**, 127, 790-797	3.2	26
122	Oncogenic effects of evolutionarily conserved noncoding RNA ECONEXIN on gliomagenesis. *Oncogene*, **2017**, 36, 4629-4640	9.2	54
121	Synthesis of PET probe O-[(3-[C]methyl)benzyl]guanine by Pd-mediated rapid C-[C]methylation toward imaging DNA repair protein O-methylguanine-DNA methyltransferase in glioblastoma. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 1892-1896	2.9	3
120	A novel all-in-one intraoperative genotyping system for IDH1-mutant glioma. *Brain Tumor Pathology*, **2017**, 34, 91-97	3.2	11
119	Remote ischemic preconditioning protects human neural stem cells from oxidative stress. *Apoptosis: an International Journal on Programmed Cell Death*, **2017**, 22, 1353-1361	5.4	7
118	Significance of perivascular tumour cells defined by CD109 expression in progression of glioma. *Journal of Pathology*, **2017**, 243, 468-480	9.4	29
117	Efficacy of the transtemporal approach with awake brain mapping to reach the dominant posteromedial temporal lesions. *Acta Neurochirurgica*, **2017**, 159, 177-184	3	12
116	Development of Database and Genomic Medicine for von Hippel-Lindau Disease in Japan. *Neurologia Medico-Chirurgica*, **2017**, 57, 59-65	2.6	4
115	Comparing the Efficacy of DeVIC Therapy and High-dose Methotrexate Monotherapy with Whole-brain Radiation Therapy for Newly-diagnosed Primary Central Nervous System Lymphoma: A Single Institution Study. *Anticancer Research*, **2017**, 37, 5215-5223	2.3	7
114	Pathogenesis of Diffuse Low-Grade Gliomas **2017**, 111-117		
113	An Update on the Genome, Epigenome, and Transcriptome in Gliomas. *Japanese Journal of Neurosurgery*, **2017**, 26, 798-805	0	
112	Significance of low mTORC1 activity in defining the characteristics of brain tumor stem cells. *Neuro-Oncology*, **2017**, 19, 636-647	1	3
111	Efficacy of early carotid endarterectomy for vulnerable plaque in the common carotid artery. *Acta Neurochirurgica*, **2016**, 158, 561-3	3	
110	CAR T Cells Targeting Podoplanin Reduce Orthotopic Glioblastomas in Mouse Brains. *Cancer Immunology Research*, **2016**, 4, 259-68	12.5	54
109	Rapid sensitive analysis of IDH1 mutation in lower-grade gliomas by automated genetic typing involving a quenching probe. *Cancer Investigation*, **2016**, 34, 12-5	2.1	5
108	Dedifferentiated chordoid meningioma with rhabdomyosarcomatous differentiation on the middle cranial fossa. *Neuropathology*, **2016**, 36, 579-583	2	2
107	Adoptive immunotherapy for the treatment of glioblastoma: progress and possibilities. *Immunotherapy*, **2016**, 8, 1393-1404	3.8	7

106	Targeting the Notch-regulated non-coding RNA TUG1 for glioma treatment. *Nature Communications*, **2016**, 7, 13616	17.4	201
105	An immuno-wall microdevice exhibits rapid and sensitive detection of IDH1-R132H mutation specific to grade II and III gliomas. *Science and Technology of Advanced Materials*, **2016**, 17, 618-625	7.1	11
104	Clinical Significance of Epigenetic Alterations in Glioblastoma **2015**, 339-350		
103	Applicable advances in the molecular pathology of glioblastoma. *Brain Tumor Pathology*, **2015**, 32, 153-62	3.2	11
102	Mutational landscape and clonal architecture in grade II and III gliomas. *Nature Genetics*, **2015**, 47, 458-68	36.3	543
101	Lenalidomide enhances the function of chimeric antigen receptor T cells against the epidermal growth factor receptor variant III by enhancing immune synapses. *Cancer Gene Therapy*, **2015**, 22, 487-95	5.4	42
100	Ganglioside GD3 Enhances Invasiveness of Gliomas by Forming a Complex with Platelet-derived Growth Factor Receptor and Yes Kinase. *Journal of Biological Chemistry*, **2015**, 290, 16043-58	5.4	48
99	Effectiveness of plasma treatment on gastric cancer cells. *Gastric Cancer*, **2015**, 18, 635-43	7.6	73
98	Anaplastic meningioma with rapid growth after omental flap transposition: a case report and experimental study. *Brain Tumor Pathology*, **2015**, 32, 137-44	3.2	6
97	Antitumorigenic effect of interferon- by inhibition of undifferentiated glioblastoma cells. *International Journal of Oncology*, **2015**, 47, 1647-54	4.4	5
96	Activation of Yes-Associated Protein in Low-Grade Meningiomas Is Regulated by Merlin, Cell Density, and Extracellular Matrix Stiffness. *Journal of Neuropathology and Experimental Neurology*, **2015**, 74, 704-9	3.1	8
95	Paired related homeobox 1 is associated with the invasive properties of glioblastoma cells. *Oncology Reports*, **2015**, 33, 1123-30	3.5	17
94	Novel Strategies in Chemotherapy for Gliomas. *Japanese Journal of Neurosurgery*, **2015**, 24, 386-398	0	
93	Prognostic model of lower grade gliomas.. *Journal of Clinical Oncology*, **2015**, 33, 2038-2038	2.2	1
92	The landscape and clonal architecture in lower grade glioma.. *Journal of Clinical Oncology*, **2015**, 33, 2008-2008	2.2	
91	Quantitative metabolome analysis profiles activation of glutaminolysis in glioma with IDH1 mutation. *Tumor Biology*, **2014**, 35, 5911-20	2.9	80
90	Epigenetic dysregulation in glioma. *Cancer Science*, **2014**, 105, 363-9	6.9	48
89	Novel somatic and germline mutations in intracranial germ cell tumours. *Nature*, **2014**, 511, 241-5	50.4	131

88	Lack of presence of the human cytomegalovirus in human glioblastoma. *Modern Pathology*, **2014**, 27, 922-9	9.8	42
87	Progressively unstable c2 spondylolysis requiring spinal fusion: case report. *Neurologia Medico-Chirurgica*, **2014**, 54, 761-7	2.6	4
86	Olig2 labeling index is correlated with histological and molecular classifications in low-grade diffuse gliomas. *Journal of Neuro-Oncology*, **2014**, 120, 283-91	4.8	6
85	Association of dorsal inferior frontooccipital fasciculus fibers in the deep parietal lobe with both reading and writing processes: a brain mapping study. *Journal of Neurosurgery*, **2014**, 121, 142-8	3.2	36
84	GE-34THE MUTATIONAL LANDSCAPE AND TEMPORAL AND SPATIAL CLONAL EVOLUTION TO PROGRESSION IN 351 LOW-GRADE GLIOMAS. *Neuro-Oncology*, **2014**, 16, v103-v104	1	78
83	Spinal dural arteriovenous fistula associated with L-4 isthmic spondylolisthesis. *Journal of Neurosurgery: Spine*, **2014**, 20, 670-4	2.8	5
82	Papillary glioneuronal tumor with a high proliferative component and minigemistocytes in a child. *Neuropathology*, **2014**, 34, 484-90	2	7
81	RNA Interference Therapeutics for Tumor Therapy **2014**, 393-408		3
80	Assessment of tumor cells in a mouse model of diffuse infiltrative glioma by Raman spectroscopy. *BioMed Research International*, **2014**, 2014, 860241	3	17
79	Blockade of gap junction hemichannel protects secondary spinal cord injury from activated microglia-mediated glutamate exitoneurotoxicity. *Journal of Neurotrauma*, **2014**, 31, 1967-74	5.4	28
78	Peptide-based inhibition of the HOXA9/PBX interaction retards the growth of human meningioma. *Cancer Chemotherapy and Pharmacology*, **2014**, 73, 53-60	3.5	12
77	Preclinical evaluation of an O(6)-methylguanine-DNA methyltransferase-siRNA/liposome complex administered by convection-enhanced delivery to rat and porcine brains. *American Journal of Translational Research (discontinued)*, **2014**, 6, 169-78	3	9
76	Spinal intradural cystic venous angioma originating from a nerve root in the cauda equina. *Journal of Neurosurgery: Spine*, **2013**, 19, 716-20	2.8	3
75	Chromatin regulator PRC2 is a key regulator of epigenetic plasticity in glioblastoma. *Cancer Research*, **2013**, 73, 4559-70	10.1	69
74	Expression of miR-17-92 enhances anti-tumor activity of T-cells transduced with the anti-EGFRvIII chimeric antigen receptor in mice bearing human GBM xenografts **2013**, 1, 21		61
73	Clinical features of patients bearing central nervous system hemangioblastoma in von Hippel-Lindau disease. *Acta Neurochirurgica*, **2013**, 155, 1-7	3	23
72	Establishment of novel monoclonal antibodies KMab-1 and MMab-1 specific for IDH2 mutations. *Biochemical and Biophysical Research Communications*, **2013**, 432, 40-5	3.4	22
71	A novel monoclonal antibody GMab-m1 specifically recognizes IDH1-R132G mutation. *Biochemical and Biophysical Research Communications*, **2013**, 432, 564-7	3.4	15

70	A hypoxia-inducible factor (HIF)-3α splicing variant, HIF-3α4 impairs angiogenesis in hypervascular malignant meningiomas with epigenetically silenced HIF-3α. *Biochemical and Biophysical Research Communications*, **2013**, 433, 139-44	3.4	26
69	Adoptive transfer of genetically modified Wilms' tumor 1-specific T cells in a novel malignant skull base meningioma model. *Neuro-Oncology*, **2013**, 15, 747-58	1	7
68	The role of PLK1-phosphorylated SVIL in myosin II activation and cytokinetic furrowing. *Journal of Cell Science*, **2013**, 126, 3627-37	5.3	23
67	Interferon-β delivery via human neural stem cell abates glial scar formation in spinal cord injury. *Cell Transplantation*, **2013**, 22, 2187-201	4	24
66	Potential biomarkers for pseudoprogression in malignant glioma.. *Journal of Clinical Oncology*, **2013**, 31, e13012-e13012	2.2	
65	Correlation between quantified promoter methylation and enzymatic activity of O6-methylguanine-DNA methyltransferase in glioblastomas. *Tumor Biology*, **2012**, 33, 373-81	2.9	15
64	Intravenous administration of temozolomide as a useful alternative over oral treatment with temozolomide capsules in patients with gliomas. *Journal of Neuro-Oncology*, **2012**, 106, 209-11	4.8	3
63	Contribution of microRNA-1275 to Claudin11 protein suppression via a polycomb-mediated silencing mechanism in human glioma stem-like cells. *Journal of Biological Chemistry*, **2012**, 287, 27396-406	5.4	47
62	Immunohistochemical analysis-based proteomic subclassification of newly diagnosed glioblastomas. *Cancer Science*, **2012**, 103, 1871-9	6.9	32
61	Glioma-Initiating Cells: Interferon Treatment **2012**, 99-106		
60	Peptide-pulsed dendritic cell vaccination targeting interleukin-13 receptor α2 chain in recurrent malignant glioma patients with HLA-A*24/A*02 allele. *Cytotherapy*, **2012**, 14, 733-42	4.8	37
59	Cytokine therapy. *Advances in Experimental Medicine and Biology*, **2012**, 746, 86-94	3.6	9
58	Intra-extradural dumbbell-shaped hemangioblastoma manifesting as subarachnoid hemorrhage in the cauda equina. *Neurologia Medico-Chirurgica*, **2012**, 52, 659-65	2.6	15
57	Epigenetic subclassification of meningiomas based on genome-wide DNA methylation analyses. *Carcinogenesis*, **2012**, 33, 436-41	4.6	61
56	A novel method of intracranial injection via the postglenoid foramen for brain tumor mouse models. *Journal of Neurosurgery*, **2012**, 116, 630-5	3.2	17
55	Girdin maintains the stemness of glioblastoma stem cells. *Oncogene*, **2012**, 31, 2715-24	9.2	61
54	Neural stem cell-based dual suicide gene delivery for metastatic brain tumors. *Cancer Gene Therapy*, **2012**, 19, 796-801	5.4	23
53	Current trends in targeted therapies for glioblastoma multiforme. *Neurology Research International* , **2012**, 2012, 878425	1.7	102

52	The Basics of Glioma Surgery. *Japanese Journal of Neurosurgery*, **2012**, 21, 937-942	0	
51	The global DNA methylation surrogate LINE-1 methylation is correlated with MGMT promoter methylation and is a better prognostic factor for glioma. *PLoS ONE*, **2011**, 6, e23332	3.7	76
50	A multicenter phase I trial of combination therapy with interferon-□and temozolomide for high-grade gliomas (INTEGRA study): the final report. *Journal of Neuro-Oncology*, **2011**, 104, 573-7	4.8	32
49	Rhabdoid glioblastoma in a child: case report and literature review. *Brain Tumor Pathology*, **2011**, 28, 65-70	3.2	21
48	Glioma-initiating cells and molecular pathology: implications for therapy. *Brain Tumor Pathology*, **2011**, 28, 1-12	3.2	45
47	Cytokine networks in glioma. *Neurosurgical Review*, **2011**, 34, 253-63; discussion 263-4	3.9	35
46	Benefits of interferon-□and temozolomide combination therapy for newly diagnosed primary glioblastoma with the unmethylated MGMT promoter: A multicenter study. *Cancer*, **2011**, 117, 1721-30	6.4	72
45	Long-term survival in patients with newly diagnosed primary central nervous system lymphoma treated with dexamethasone, etoposide, ifosfamide and carboplatin chemotherapy and whole-brain radiation therapy. *Leukemia and Lymphoma*, **2011**, 52, 2069-75	1.9	18
44	Glioma-Initiating Cells: Interferon Treatment **2011**, 269-276		
43	Epigenetic aberrations and therapeutic implications in gliomas. *Cancer Science*, **2010**, 101, 1331-6	6.9	20
42	Retrovirally engineered T-cell-based immunotherapy targeting type III variant epidermal growth factor receptor, a glioma-associated antigen. *Cancer Science*, **2010**, 101, 2518-24	6.9	41
41	Efficient delivery of liposome-mediated MGMT-siRNA reinforces the cytotoxity of temozolomide in GBM-initiating cells. *Gene Therapy*, **2010**, 17, 1363-71	4	89
40	Human neural stem cells transduced with IFN-beta and cytosine deaminase genes intensify bystander effect in experimental glioma. *Cancer Gene Therapy*, **2010**, 17, 299-306	5.4	55
39	A free-radical scavenger protects the neural progenitor cells in the dentate subgranular zone of the hippocampus from cell death after X-irradiation. *Neuroscience Letters*, **2010**, 485, 65-70	3.3	16
38	Gene therapy for high-grade glioma. *Neurologia Medico-Chirurgica*, **2010**, 50, 727-36	2.6	14
37	Type I interferon inhibits astrocytic gliosis and promotes functional recovery after spinal cord injury by deactivation of the MEK/ERK pathway. *Journal of Neurotrauma*, **2009**, 26, 41-53	5.4	39
36	The modulation of microRNAs by type I IFN through the activation of signal transducers and activators of transcription 3 in human glioma. *Molecular Cancer Research*, **2009**, 7, 2022-30	6.6	51
35	Synergistic induction of NY-ESO-1 antigen expression by a novel histone deacetylase inhibitor, valproic acid, with 5-aza-2Pdeoxycytidine in glioma cells. *Journal of Neuro-Oncology*, **2009**, 92, 15-22	4.8	46

34	Interferon-beta, MCNU, and conventional radiotherapy for pediatric patients with brainstem glioma. *Pediatric Blood and Cancer*, **2009**, 53, 37-41	3	8
33	Induction of oligodendrogenesis in glioblastoma-initiating cells by IFN-mediated activation of STAT3 signaling. *Cancer Letters*, **2009**, 284, 71-9	9.9	40
32	p16 promoter methylation in the serum as a basis for the molecular diagnosis of gliomas. *Neurosurgery*, **2009**, 64, 455-61; discussion 461-2	3.2	36
31	Gene therapy for high-grade glioma: current approaches and future directions. *Cell Adhesion and Migration*, **2008**, 2, 186-91	3.2	27
30	A multicenter phase I trial of interferon-beta and temozolomide combination therapy for high-grade gliomas (INTEGRA Study). *Japanese Journal of Clinical Oncology*, **2008**, 38, 715-8	2.8	15
29	Variable DNA methylation patterns associated with progression of disease in hepatocellular carcinomas. *Carcinogenesis*, **2008**, 29, 1901-10	4.6	106
28	Identification of a human leukocyte antigen-A24-restricted T-cell epitope derived from interleukin-13 receptor alpha2 chain, a glioma-associated antigen. *Journal of Neurosurgery*, **2008**, 109, 117-22	3.2	19
27	A combination of IFN-beta and temozolomide in human glioma xenograft models: implication of p53-mediated MGMT downregulation. *Cancer Chemotherapy and Pharmacology*, **2008**, 61, 653-9	3.5	55
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