Atsushi Natsume

List of Publications by Year
in descending order

205	6,852	53794 45	79698 73
papers	citations	h-index	g-index

207	207	207	10102
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mutational landscape and clonal architecture in grade II and III gliomas. Nature Genetics, 2015, 47, 458-468.	21.4	729
2	Targeting the Notch-regulated non-coding RNA TUG1 for glioma treatment. Nature Communications, 2016, 7, 13616.	12.8	267
3	Prognostic relevance of genetic alterations in diffuse lower-grade gliomas. Neuro-Oncology, 2018, 20, 66-77.	1.2	225
4	Novel somatic and germline mutations in intracranial germ cell tumours. Nature, 2014, 511, 241-245.	27.8	181
5	IFN-Î² Down-Regulates the Expression of DNA Repair Gene MGMT and Sensitizes Resistant Glioma Cells to Temozolomide. Cancer Research, 2005, 65, 7573-7579.	0.9	151
6	Current Trends in Targeted Therapies for Glioblastoma Multiforme. Neurology Research International, 2012, 2012, 1-13.	1.3	142
7	Podoplanin: An emerging cancer biomarker and therapeutic target. Cancer Science, 2018, 109, 1292-1299.	3.9	134
8	Variable DNA methylation patterns associated with progression of disease in hepatocellular carcinomas. Carcinogenesis, 2008, 29, 1901-1910.	2.8	114
9	Intravenously transplanted human neural stem cells migrate to the injured spinal cord in adult mice in an SDF-1- and HGF-dependent manner. Neuroscience Letters, 2007, 426, 69-74.	2.1	110
10	Efficient delivery of liposome-mediated MGMT-siRNA reinforces the cytotoxity of temozolomide in GBM-initiating cells. Gene Therapy, 2010, 17, 1363-1371.	4.5	107
11	Antitumor effect and cellular immunity activation by murine interferon-Î² gene transfer against intracerebral glioma in mouse. Gene Therapy, 1999, 6, 1626-1633.	4.5	105
12	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.	2.5	95
13	Quantitative metabolome analysis profiles activation of glutaminolysis in glioma with IDH1 mutation. Tumor Biology, 2014, 35, 5911-5920.	1.8	95
14	Chromatin Regulator PRC2 Is a Key Regulator of Epigenetic Plasticity in Glioblastoma. Cancer Research, 2013, 73, 4559-4570.	0.9	91
15	CAR T Cells Targeting Podoplanin Reduce Orthotopic Glioblastomas in Mouse Brains. Cancer Immunology Research, 2016, 4, 259-268.	3.4	90
16	The DNA demethylating agent 5â€azaâ€²â€²deoxycytidine activates NYâ€ESOâ€1 antigenicity in orthotopic human glioma. International Journal of Cancer, 2008, 122, 2542-2553.	5.1	87
17	Benefits of interferonâ€Î² and temozolomide combination therapy for newly diagnosed primary glioblastoma with the unmethylated MGMT promoter. Cancer, 2011, 117, 1721-1730.	4.1	85
18	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.		85

#	Article	IF	Citations
19	Effectiveness of plasma treatment on gastric cancer cells. Gastric Cancer, 2015, 18, 635-643.	5.3	83
20	Novel Human NK Cell Line Carrying CAR Targeting EGFRvIII Induces Antitumor Effects in Glioblastoma Cells. Anticancer Research, 2018, 38, 5049-5056.	1.1	82
21	EGFR mutations in patients with brain metastases from lung cancer: Association with the efficacy of gefitinib. Neuro-Oncology, 2006, 8, 137-144.	1.2	80
22	Human neural stem cells target and deliver therapeutic gene to experimental leptomeningeal medulloblastoma. Gene Therapy, 2007, 14, 1132-1142.	4.5	78
23	Bcl-2 and GDNF Delivered by HSV-Mediated Gene Transfer Act Additively to Protect Dopaminergic Neurons from 6-OHDA-Induced Degeneration. Experimental Neurology, 2001, 169, 231-238.	4.1	77
24	Epigenetic subclassification of meningiomas based on genome-wide DNA methylation analyses. Carcinogenesis, 2012, 33, 436-441.	2.8	76
25	A phase I clinical trial of interferonâ€beta gene therapy for highâ€grade glioma: novel findings from gene expression profiling and autopsy. Journal of Gene Medicine, 2008, 10, 329-339.	2.8	73
26	IFN-beta gene therapy induces systemic antitumor immunity against malignant glioma. Journal of Neuro-Oncology, 2000, 47, 117-124.	2.9	70
27	Ganglioside GD3 Enhances Invasiveness of Gliomas by Forming a Complex with Platelet-derived Growth Factor Receptor Î± and Yes Kinase. Journal of Biological Chemistry, 2015, 290, 16043-16058.	3.4	69
28	Girdin maintains the stemness of glioblastoma stem cells. Oncogene, 2012, 31, 2715-2724.	5.9	67
29	Oncogenic effects of evolutionarily conserved noncoding RNA ECONEXIN on gliomagenesis. Oncogene, 2017, 36, 4629-4640.	5.9	66
30	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, 998.	4.1	64
31	A randomized, double-blind, phase III trial of personalized peptide vaccination for recurrent glioblastoma. Neuro-Oncology, 2019, 21, 348-359.	1.2	63
32	Human neural stem cells transduced with IFN-Î² and cytosine deaminase genes intensify bystander effect in experimental glioma. Cancer Gene Therapy, 2010, 17, 299-306.	4.6	62
33	A combination of IFN-Î² and temozolomide in human glioma xenograft models: implication of p53-mediated MGMT downregulation. Cancer Chemotherapy and Pharmacology, 2008, 61, 653-659.	2.3	60
34	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, 2022-2030.	3.4	58
35	Epigenetic dysregulation in glioma. Cancer Science, 2014, 105, 363-369.	3.9	58
36	Malignant transformation-related genes in meningiomas: allelic loss on 1p36 and methylation status of p73 and RASSF1A. Journal of Neurosurgery, 2007, 107, 398-404.	1.6	56

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37	Peptide-pulsed dendritic cell vaccination targeting interleukin-13 receptor Î±2 chain in recurrent malignant glioma patients with HLA-A*24/A*02 allele. Cytotherapy, 2012, 14, 733-742.	0.7	56
38	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, 487-495.	4.6	56
39	Inhibition of Acid Secretion in Gastric Parietal Cells by the Ca2+/Calmodulin-Dependent Protein Kinase II Inhibitor KN-93. Biochemical and Biophysical Research Communications, 1993, 195, 608-615.	2.1	55
40	Glioma-initiating cells and molecular pathology: implications for therapy. Brain Tumor Pathology, 2011, 28, 1-12.	1.7	55
41	Retrovirally engineered Tâ€cellâ€based immunotherapy targeting type III variant epidermal growth factor receptor, a gliomaâ€associated antigen. Cancer Science, 2010, 101, 2518-2524.	3.9	53
42	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, 142-148.	1.6	53
43	Bcl-2 and GDNF Delivered by HSV-Mediated Gene Transfer after Spinal Root Avulsion Provide a Synergistic Effect. Journal of Neurotrauma, 2002, 19, 61-68.	3.4	52
44	Dendritic cells pulsed with tumor extract-cationic liposome complex increase the induction of cytotoxic T lymphocytes in mouse brain tumor. Cancer Immunology, Immunotherapy, 2001, 50, 463-468.	4.2	51
45	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, 27396-27406.	3.4	51
46	Synergistic induction of NY-ESO-1 antigen expression by a novel histone deacetylase inhibitor, valproic acid, with 5-aza-2â€²-deoxycytidine in glioma cells. Journal of Neuro-Oncology, 2009, 92, 15-22.	2.9	50
47	JCOG0911 INTEGRA study: a randomized screening phase II trial of interferonÎ² plus temozolomide in comparison with temozolomide alone for newly diagnosed glioblastoma. Journal of Neuro-Oncology, 2018, 138, 627-636.	2.9	49
48	Clinical practice guidance for next-generation sequencing in cancer diagnosis and treatment (edition) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	49
49	Lack of presence of the human cytomegalovirus in human glioblastoma. Modern Pathology, 2014, 27, 922-929.	5.5	47
50	Herpes Simplex Virus Vector-Mediated Expression of Bcl-2 Protects Spinal Motor Neurons from Degeneration Following Root Avulsion. Experimental Neurology, 2001, 168, 225-230.	4.1	46
51	Induction of oligodendrogenesis in glioblastoma-initiating cells by IFN-mediated activation of STAT3 signaling. Cancer Letters, 2009, 284, 71-79.	7.2	45
52	Surgical benefits of combined awake craniotomy and intraoperative magnetic resonance imaging for gliomas associated with eloquent areas. Journal of Neurosurgery, 2017, 127, 790-797.	1.6	45
53	Overview of DNA methylation in adult diffuse gliomas. Brain Tumor Pathology, 2019, 36, 84-91.	1.7	45
54	Cytokine networks in glioma. Neurosurgical Review, 2011, 34, 253-264.	2.4	44

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55	Immunohistochemical analysisâ€based proteomic subclassification of newly diagnosed glioblastomas. Cancer Science, 2012, 103, 1871-1879.	3.9	42
56	Antiangiogenic activity of BAI1 in vivo: implications for gene therapy of human glioblastomas. Cancer Gene Therapy, 2006, 13, 385-392.	4.6	41
57	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.	3.4	41
58	P16 PROMOTER METHYLATION IN THE SERUM AS A BASIS FOR THE MOLECULAR DIAGNOSIS OF GLIOMAS. Neurosurgery, 2009, 64, 455-462.	1.1	41
59	The free-radical scavenger edaravone restores the differentiation of human neural precursor cells after radiation-induced oxidative stress. Neuroscience Letters, 2007, 423, 225-230.	2.1	37
60	A multicenter phase I trial of combination therapy with interferon-Î² and temozolomide for high-grade gliomas (INTEGRA study): the final report. Journal of Neuro-Oncology, 2011, 104, 573-577.	2.9	37
61	Neurocognitive and functional outcomes in patients with diffuse frontal lower-grade gliomas undergoing intraoperative awake brain mapping. Journal of Neurosurgery, 2020, 132, 1683-1691.	1.6	37
62	Significance of perivascular tumour cells defined by CD109 expression in progression of glioma. Journal of Pathology, 2017, 243, 468-480.	4.5	36
63	Blockade of Gap Junction Hemichannel Protects Secondary Spinal Cord Injury from Activated Microglia-Mediated Glutamate Exitoneurotoxicity. Journal of Neurotrauma, 2014, 31, 1967-1974.	3.4	34
64	Gene therapy for high-grade glioma. Cell Adhesion and Migration, 2008, 2, 186-191.	2.7	33
65	Intraventricular chordoid meningioma presenting with Castleman disease due to overproduction of interleukin-6. Journal of Neurosurgery, 2005, 102, 733-737.	1.6	32
66	Role of SVIL phosphorylation by PLK1 in myosin II activation and cytokinetic furrowing. Journal of Cell Science, 2013, 126, 3627-37.	2.0	30
67	Interferon-Î² Delivery via Human Neural Stem Cell Abates Glial Scar Formation in Spinal Cord Injury. Cell Transplantation, 2013, 22, 2187-2201.	2.5	30
68	Inhibition of Aurora-B function increases formation of multinucleated cells in p53 gene deficient cells and enhances anti-tumor effect of temozolomide in human glioma cells. Journal of Neuro-Oncology, 2007, 83, 249-258.	2.9	29
69	A hypoxia-inducible factor (HIF)-3Î± splicing variant, HIF-3Î±4 impairs angiogenesis in hypervascular malignant meningiomas with epigenetically silenced HIF-3Î±4. Biochemical and Biophysical Research Communications, 2013, 433, 139-144.	2.1	29
70	Supratotal Resection of Diffuse Frontal Lower Grade Gliomas with Awake Brain Mapping, Preserving Motor, Language, and Neurocognitive Functions. World Neurosurgery, 2018, 119, 30-39.	1.3	29
71	Clinical features of patients bearing central nervous system hemangioblastoma in von Hippel-Lindau disease. Acta Neurochirurgica, 2013, 155, 1-7.	1.7	28
72	Cationic Liposome Conjugation to Recombinant Adenoviral Vector Reduces Viral Antigenicity. Japanese Journal of Cancer Research, 2000, 91, 363-367.	1.7	27

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73	Neural stem cell-based dual suicide gene delivery for metastatic brain tumors. Cancer Gene Therapy, 2012, 19, 796-801.	4.6	27
74	Urinary MicroRNA-Based Diagnostic Model for Central Nervous System Tumors Using Nanowire Scaffolds. ACS Applied Materials & Interfaces, 2021, 13, 17316-17329.	8.0	27
75	Newly established patient-derived organoid model of intracranial meningioma. Neuro-Oncology, 2021, 23, 1936-1948.	1.2	26
76	Epigenetic aberrations and therapeutic implications in gliomas. Cancer Science, 2010, 101, 1331-1336.	3.9	25
77	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, 2069-2075.	1.3	25
78	Establishment of novel monoclonal antibodies KMab-1 and MMab-1 specific for IDH2 mutations. Biochemical and Biophysical Research Communications, 2013, 432, 40-45.	2.1	25
79	Efficacy of Temozolomide Is Correlated With 1p Loss and Methylation of the Deoxyribonucleic Acid Repair Gene MGMT in Malignant Gliomas. Neurologia Medico-Chirurgica, 2007, 47, 341-350.	2.2	24
80	So-called bifocal tumors with diabetes insipidus and negative tumor markers: are they all germinoma?. Neuro-Oncology, 2021, 23, 295-303.	1.2	24
81	Enhanced functional recovery after proximal nerve root injury by vector-mediated gene transfer. Experimental Neurology, 2003, 184, 878-886.	4.1	23
82	Rhabdoid glioblastoma in a child: case report and literature review. Brain Tumor Pathology, 2011, 28, 65-70.	1.7	23
83	Anterior insular cortex stimulation and its effects on emotion recognition. Brain Structure and Function, 2019, 224, 2167-2181.	2.3	23
84	Gene Therapy for High-Grade Glioma. Neurologia Medico-Chirurgica, 2010, 50, 727-736.	2.2	22
85	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.	2.4	22
86	Process of apoptosis induced by TNF-alpha in murine fibroblast Ltk-cells: continuous observation with video enhanced contrast microscopy. Apoptosis: an International Journal on Programmed Cell Death, 2002, 7, 77-86.	4.9	21
87	Identification of a human leukocyte antigen-A24â€“restricted T-cell epitope derived from interleukin-13 receptor Î±2 chain, a glioma-associated antigen. Journal of Neurosurgery, 2008, 109, 117-122.	1.6	21
88	A novel method of intracranial injection via the postglenoid foramen for brain tumor mouse models. Journal of Neurosurgery, 2012, 116, 630-635.	1.6	21
89	Assessment of Tumor Cells in a Mouse Model of Diffuse Infiltrative Glioma by Raman Spectroscopy. BioMed Research International, 2014, 2014, 1-8.	1.9	21
90	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.	2.1	20

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91	Peptide-based inhibition of the HOXA9/PBX interaction retards the growth of human meningioma. Cancer Chemotherapy and Pharmacology, 2014, 73, 53-60.	2.3	20
92	Intra-extradural Dumbbell-Shaped Hemangioblastoma Manifesting as Subarachnoid Hemorrhage in the Cauda Equina. Neurologia Medico-Chirurgica, 2012, 52, 659-665.	2.2	19
93	Paired related homeobox 1 is associated with the invasive properties of glioblastoma cells. Oncology Reports, 2015, 33, 1123-1130.	2.6	19
94	Lack of GD3 synthase (St8sia1) attenuates malignant properties of gliomas in genetically engineered mouse model. Cancer Science, 2021, 112, 3756-3768.	3.9	19
95	Growth inhibition of subcutaneous mouse melanoma and induction of natural killer cells by liposome-mediated interferon-Î² gene therapy. Melanoma Research, 2003, 13, 349-356.	1.2	18
96	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.	0.6	18
97	Effects of aspirin and heparin treatment on perioperative outcomes in patients with Moyamoya disease. Acta Neurochirurgica, 2021, 163, 1485-1491.	1.7	18
98	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.	2.9	17
99	A Multicenter Phase I Trial of Interferon-Â and Temozolomide Combination Therapy for High-grade Gliomas (INTEGRA Study). Japanese Journal of Clinical Oncology, 2008, 38, 715-718.	1.3	16
100	A novel monoclonal antibody GMab-m1 specifically recognizes IDH1-R132G mutation. Biochemical and Biophysical Research Communications, 2013, 432, 564-567.	2.1	16
101	A novel all-in-one intraoperative genotyping system for IDH1-mutant glioma. Brain Tumor Pathology, 2017, 34, 91-97.	1.7	16
102	Immunohistochemical ATRX expression is not a surrogate for 1p19q codeletion. Brain Tumor Pathology, 2018, 35, 106-113.	1.7	16
103	Ependymomaâ€like tumor with mesenchymal differentiation harboring C11orf95â€NCOA1/2 or â€RELA fusion: A hitherto unclassified tumor related to ependymoma. Brain Pathology, 2021, 31, e12943.	4.1	16
104	Correlation between quantified promoter methylation and enzymatic activity of O 6-methylguanine-DNA methyltransferase in glioblastomas. Tumor Biology, 2012, 33, 373-381.	1.8	15
105	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.	1.1	15
106	Surgical Designs of Revascularization for Moyamoya Disease: 15 Years of Experience in a Single Center. World Neurosurgery, 2020, 139, e325-e334.	1.3	15
107	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.	2.3	15
108	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, 704-709.	1.7	14

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109	A novel high-sensitivity assay to detect a small fraction of mutant IDH1 using droplet digital PCR. Brain Tumor Pathology, 2018, 35, 97-105.	1.7	14
110	H3F3A mutant allele specific imbalance in an aggressive subtype of diffuse midline glioma, H3 K27M-mutant. Acta Neuropathologica Communications, 2020, 8, 8.	5.2	14
111	Neuroendoscopic Cylinder Surgery and 5-Aminolevulinic Acid Photodynamic Diagnosis of Deep-Seated Intracranial Lesions. World Neurosurgery, 2018, 116, e35-e41.	1.3	13
112	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.	2.2	13
113	Navigated repetitive transcranial magnetic stimulation as preoperative assessment in patients with brain tumors. Scientific Reports, 2020, 10, 9044.	3.3	13
114	Brain metastases from apocrine carcinoma of the scalp: case report. Journal of Neuro-Oncology, 2006, 77, 285-289.	2.9	12
115	Adoptive transfer of genetically modified Wilms' tumor 1â€“specific T cells in a novel malignant skull base meningioma model. Neuro-Oncology, 2013, 15, 747-758.	1.2	12
116	Applicable advances in the molecular pathology of glioblastoma. Brain Tumor Pathology, 2015, 32, 153-162.	1.7	12
117	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.	6.1	12
118	Efficacy of the transtemporal approach with awake brain mapping to reach the dominant posteromedial temporal lesions. Acta Neurochirurgica, 2017, 159, 177-184.	1.7	12
119	Identification of a novel fusion gene HMGA2â€EGFR in glioblastoma. International Journal of Cancer, 2018, 142, 1627-1639.	5.1	12
120	Effects of insular resection on interactions between cardiac interoception and emotion recognition. Cortex, 2021, 137, 271-281.	2.4	12
121	Cytokine Therapy. Advances in Experimental Medicine and Biology, 2012, 746, 86-94.	1.6	11
122	Preoperative predictive factors affecting return to work in patients with gliomas undergoing awake brain mapping. Journal of Neuro-Oncology, 2020, 146, 195-205.	2.9	11
123	Interferonâ€beta, MCNU, and conventional radiotherapy for pediatric patients with brainstem glioma. Pediatric Blood and Cancer, 2009, 53, 37-41.	1.5	10
124	Remote ischemic preconditioning protects human neural stem cells from oxidative stress. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 1353-1361.	4.9	10
125	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.	1.1	10
126	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.	0.0	10

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127	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.	0.7	10
128	Transduction Efficiency of Adenoviral Vectors into Human Glioma Cells Increased by Association with Cationic Liposomes.. Neurologia Medico-Chirurgica, 2000, 40, 256-260.	2.2	9
129	Neurod4 converts endogenous neural stem cells to neurons with synaptic formation after spinal cord injury. IScience, 2021, 24, 102074.	4.1	9
130	Antitumorigenic effect of interferon-Î² by inhibition of undifferentiated glioblastoma cells. International Journal of Oncology, 2015, 47, 1647-1654.	3.3	8
131	Anaplastic meningioma with rapid growth after omental flap transposition: a case report and experimental study. Brain Tumor Pathology, 2015, 32, 137-144.	1.7	8
132	Adoptive immunotherapy for the treatment of glioblastoma: progress and possibilities. Immunotherapy, 2016, 8, 1393-1404.	2.0	8
133	Aberrant Active cis-Regulatory Elements Associated with Downregulation of RET Finger Protein Overcome Chemoresistance in Glioblastoma. Cell Reports, 2019, 26, 2274-2281.e5.	6.4	8
134	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.	2.2	8
135	Establishment of in-hospital clinical network for patients with neurofibromatosis type 1 in Nagoya University Hospital. Scientific Reports, 2021, 11, 11933.	3.3	8
136	Olig2 labeling index is correlated with histological and molecular classifications in low-grade diffuse gliomas. Journal of Neuro-Oncology, 2014, 120, 283-291.	2.9	7
137	Spinal dural arteriovenous fistula associated with L-4 isthmic spondylolisthesis. Journal of Neurosurgery: Spine, 2014, 20, 670-674.	1.7	7
138	Papillary glioneuronal tumor with a high proliferative component and minigemistocytes in a child. Neuropathology, 2014, 34, 484-490.	1.2	7
139	Cytokine Therapy of Gliomas. Progress in Neurological Surgery, 2018, 32, 79-89.	1.3	7
140	Necessity for craniospinal irradiation of germinoma with positive cytology without spinal lesion on MR imagingâ€”A controversy. Neuro-Oncology Advances, 2021, 3, vdab086.	0.7	7
141	Mathematical Modeling and Mutational Analysis Reveal Optimal Therapy to Prevent Malignant Transformation in Grade II IDH-Mutant Gliomas. Cancer Research, 2021, 81, 4861-4873.	0.9	7
142	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.	1.6	7
143	GENETICALLY HETEROGENEOUS GLIOBLASTOMA RECURRING WITH DISAPPEARANCE OF 1P/19Q LOSSES. Neurosurgery, 2007, 61, E168-E169.	1.1	6
144	Significance of low mTORC1 activity in defining the characteristics of brain tumor stem cells. Neuro-Oncology, 2017, 19, now237.	1.2	6

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145	Rapid sensitive analysis ofIDH1mutation in lower-grade gliomas by automated genetic typing involving a quenching probe. Cancer Investigation, 2016, 34, 12-15.	1.3	6
146	Synthesis of PET probe O6-[(3-[11C]methyl)benzyl]guanine by Pd0-mediated rapid C-[11C]methylation toward imaging DNA repair protein O6-methylguanine-DNA methyltransferase in glioblastoma. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1892-1896.	2.2	6
147	Development of Database and Genomic Medicine for von Hippel-Lindau Disease in Japan. Neurologia Medico-Chirurgica, 2017, 57, 59-65.	2.2	6
148	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.	1.3	6
149	Pathogenic Epigenetic Consequences of Genetic Alterations in IDH-Wild-Type Diffuse Astrocytic Gliomas. Cancer Research, 2019, 79, 4814-4827.	0.9	6
150	Driver Genetic Mutations in Spinal Cord Gliomas Direct the Degree of Functional Impairment in Tumor-Associated Spinal Cord Injury. Cells, 2021, 10, 2525.	4.1	6
151	Abstract 3135: Epigenetic regulation of miR-1275 through histone H3 lysine 27 trimethylation during human glioma stem-like cell differentiation. , 2012, , .		6
152	Reliability of IDH1-R132H and ATRX and/or p53 immunohistochemistry for molecular subclassification of Grade 2/3 gliomas. Brain Tumor Pathology, 2022, 39, 14-24.	1.7	6
153	Progressively Unstable C2 Spondylolysis Requiring Spinal Fusion: Case Report. Neurologia Medico-Chirurgica, 2014, 54, 761-767.	2.2	5
154	Characterization of Intraoperative Motor Evoked Potential Monitoring for Surgery of the Pediatric Population with Brain Tumors. World Neurosurgery, 2018, 119, e1052-e1059.	1.3	5
155	Next Generation Sequencing-Based Transcriptome Predicts Bevacizumab Efficacy in Combination with Temozolomide in Glioblastoma. Molecules, 2019, 24, 3046.	3.8	5
156	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.	2.9	5
157	Annealed ZnO/Al2O3 Core-Shell Nanowire as a Platform to Capture RNA in Blood Plasma. Nanomaterials, 2021, 11, 1768.	4.1	5
158	RNA Interference Therapeutics for Tumor Therapy. , 2014, , 393-408.		4
159	Inflammation Flare and Radiation Necrosis Around a Stereotactic Radiotherapy-Pretreated Brain Metastasis Site After Nivolumab Treatment. Journal of Thoracic Oncology, 2018, 13, 1975-1978.	1.1	4
160	Posterior Cerebral Artery Reconstruction by In-Situ Bypass with Superior Cerebellar Artery via Occipital Transtentorial Approach. World Neurosurgery, 2019, 126, 24-29.	1.3	4
161	Spontaneous Rupture of a Huge Presacral Tarlov Cyst Leading to Dramatic Neurologic Recovery. World Neurosurgery, 2021, 145, 306-310.	1.3	4
162	Importance of Hydrostatic Pressure and Irrigation for Hemostasis in Neuroendoscopic Surgery. Neurologia Medico-Chirurgica, 2021, 61, 117-123.	2.2	4

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163	Trautmann-focused mastoidectomy for a simple, safe presigmoid approach: technical note. Journal of Neurosurgery, 2021, 134, 843-847.	1.6	4
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