

Mitchel S Berger

List of Publications by Year in descending order

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Version: 2024-02-01

250
papers

26,588
citations

13099

68
h-index

6654

156
g-index

255
all docs

255
docs citations

255
times ranked

21511
citing authors

#	ARTICLE	IF	CITATIONS
1	On the cutting edge of glioblastoma surgery: where neurosurgeons agree and disagree on surgical decisions. <i>Journal of Neurosurgery</i> , 2022, 136, 45-55.	1.6	2
2	The benefit of early surgery on overall survival in incidental low-grade glioma patients: A multicenter study. <i>Neuro-Oncology</i> , 2022, 24, 624-638.	1.2	21
3	The Evolving Role of Neurosurgical Intervention for Central Nervous System Tumors. <i>Hematology/Oncology Clinics of North America</i> , 2022, 36, 63-75.	2.2	1
4	Resection of supplementary motor area gliomas: revisiting supplementary motor syndrome and the role of the frontal aslant tract. <i>Journal of Neurosurgery</i> , 2022, 136, 1278-1284.	1.6	14
5	EWSR1-BEND2 fusion defines an epigenetically distinct subtype of astroblastoma. <i>Acta Neuropathologica</i> , 2022, 143, 109-113.	7.7	11
6	Intracranial mesenchymal tumors with FETâ€CREB fusion are composed of at least two epigenetic subgroups distinct from meningioma and extracranial sarcomas. <i>Brain Pathology</i> , 2022, 32, e13037.	4.1	11
7	Randomized trial of neoadjuvant vaccination with tumor-cell lysate induces T cell response in low-grade gliomas. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	32
8	Endoluminal Biopsy for Molecular Profiling of Human Brain Vascular Malformations. <i>Neurology</i> , 2022, 98, .	1.1	16
9	Sarcopenia Diagnosed Using Masseter Muscle Diameter as a Survival Correlate in Elderly Patients with Glioblastoma. <i>World Neurosurgery</i> , 2022, 161, e448-e463.	1.3	5
10	PI3K/AKT/mTOR signaling pathway activity in IDH-mutant diffuse glioma and clinical implications. <i>Neuro-Oncology</i> , 2022, 24, 1471-1481.	1.2	14
11	Prospective genomically guided identification of â€œearly/evolvingâ€and â€œundersampledâ€IDH-wildtype glioblastoma leads to improved clinical outcomes. <i>Neuro-Oncology</i> , 2022, 24, 1749-1762.	1.2	10
12	Functional outcomes after resection of middle frontal gyrus diffuse gliomas. <i>Journal of Neurosurgery</i> , 2022, 137, 1-8.	1.6	8
13	Association of Neurological Impairment on the Relative Benefit of Maximal Extent of Resection in Chemoradiation-Treated Newly Diagnosed Isocitrate Dehydrogenase Wild-Type Glioblastoma. <i>Neurosurgery</i> , 2022, 90, 124-130.	1.1	17
14	The chromatin repressors EZH2 and Suv4â€20h coregulate cell fate specification during hippocampal development. <i>FEBS Letters</i> , 2022, 596, 294-308.	2.8	1
15	Reducing complication rates for repeat craniotomies in glioma patients: a single-surgeon experience and comparison with the literature. <i>Acta Neurochirurgica</i> , 2022, 164, 405-417.	1.7	6
16	FLAIRctomy: Resecting beyond the Contrast Margin for Glioblastoma. <i>Brain Sciences</i> , 2022, 12, 544.	2.3	22
17	Meningioma DNA methylation groups identify biological drivers and therapeutic vulnerabilities. <i>Nature Genetics</i> , 2022, 54, 649-659.	21.4	93
18	Prediction of glioma-subtypes: comparison of performance on a DL classifier using bounding box areas versus annotated tumors. <i>BMC Biomedical Engineering</i> , 2022, 4, 4.	2.6	3

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19	A Neurosurgeon's Guide to Cognitive Dysfunction in Adult Glioma. <i>Neurosurgery</i> , 2021, 89, 1-10.	1.1	8
20	Intracranial mesenchymal tumor with FETâ€CREB fusionâ€”A unifying diagnosis for the spectrum of intracranial myxoid mesenchymal tumors and angiomatoid fibrous histiocytomaâ€like neoplasms. <i>Brain Pathology</i> , 2021, 31, e12918.	4.1	44
21	Awake Craniotomy in Low-Resource Settings: Findings from a Retrospective Cohort in the Philippines. <i>World Neurosurgery</i> , 2021, 145, 500-507.e1.	1.3	4
22	The Relationship Between Stimulation Current and Functional Site Localization During Brain Mapping. <i>Neurosurgery</i> , 2021, 88, 1043-1050.	1.1	4
23	Timing of glioblastoma surgery and patient outcomes: a multicenter cohort study. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab053.	0.7	4
24	Heme Biosynthesis mRNA Expression Signature: Towards a Novel Prognostic Biomarker in Patients with Diffusely Infiltrating Gliomas. <i>Cancers</i> , 2021, 13, 662.	3.7	5
25	Sport-Related Structural Brain Injury and Return to Play: Systematic Review and Expert Insight. <i>Neurosurgery</i> , 2021, 88, E495-E504.	1.1	6
26	Convergence of heteromodal lexical retrieval in the lateral prefrontal cortex. <i>Scientific Reports</i> , 2021, 11, 6305.	3.3	6
27	Endovascular embolization versus surgical clipping in a single surgeon series of basilar artery aneurysms: a complementary approach in the endovascular era. <i>Acta Neurochirurgica</i> , 2021, 163, 1527-1540.	1.7	9
28	Temozolomide-induced hypermutation is associated with distant recurrence and reduced survival after high-grade transformation of low-grade <i>IDH</i>-mutant gliomas. <i>Neuro-Oncology</i> , 2021, 23, 1872-1884.	1.2	48
29	Functional maps of direct electrical stimulation-induced speech arrest and anomia: a multicentre retrospective study. <i>Brain</i> , 2021, 144, 2541-2553.	7.6	43
30	Quantifying eloquent locations for glioblastoma surgery using resection probability maps. <i>Journal of Neurosurgery</i> , 2021, 134, 1091-1101.	1.6	14
31	Balancing task sensitivity with reliability for multimodal language assessments. <i>Journal of Neurosurgery</i> , 2021, 135, 1817-1824.	1.6	4
32	Evidence-based recommendations on categories for extent of resection in diffuse glioma. <i>European Journal of Cancer</i> , 2021, 149, 23-33.	2.8	97
33	5-ALA Fluorescence Is a Powerful Prognostic Marker during Surgery of Low-Grade Gliomas (WHO) Tj ETQq1 1 0.784314 rgBT /Overl	3.7	19
34	A single institution retrospective analysis on survival based on treatment paradigms for patients with anaplastic oligodendroglioma. <i>Journal of Neuro-Oncology</i> , 2021, 153, 447-454.	2.9	6
35	Glioblastoma Surgery Imagingâ€”Reporting and Data System: Standardized Reporting of Tumor Volume, Location, and Resectability Based on Automated Segmentations. <i>Cancers</i> , 2021, 13, 2854.	3.7	5
36	In Reply: Functional Outcomes and Health-Related Quality of Life Following Glioma Surgery. <i>Neurosurgery</i> , 2021, 89, E189-E189.	1.1	0

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37	Detection of glioma infiltration at the tumor margin using quantitative stimulated Raman scattering histology. <i>Scientific Reports</i> , 2021, 11, 12162.	3.3	28
38	5-ALA in Suspected Low-Grade Gliomas: Current Role, Limitations, and New Approaches. <i>Frontiers in Oncology</i> , 2021, 11, 699301.	2.8	26
39	A Crowdsourced Consensus on Supratotal Resection Versus Gross Total Resection for Anatomically Distinct Primary Glioblastoma. <i>Neurosurgery</i> , 2021, 89, 712-719.	1.1	19
40	Low-grade glioneuronal tumors with FGFR2 fusion resolve into a single epigenetic group corresponding to "Polymorphous low-grade neuroepithelial tumor of the young"™. <i>Acta Neuropathologica</i> , 2021, 142, 595-599.	7.7	16
41	Paramedian transparietal approach to a dominant hemisphere intraventricular meningioma: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, .	0.3	1
42	Tumor DNA requirements for accurate epigenetic-based classification of CNS neoplasia. <i>Neuro-Oncology</i> , 2021, 23, 1798-1800.	1.2	2
43	Glioblastoma Surgery Imaging"Reporting and Data System: Validation and Performance of the Automated Segmentation Task. <i>Cancers</i> , 2021, 13, 4674.	3.7	9
44	Diffuse hemispheric glioma, H3 G34-mutant: Genomic landscape of a new tumor entity and prospects for targeted therapy. <i>Neuro-Oncology</i> , 2021, 23, 1974-1976.	1.2	12
45	Functional Outcomes and Health-Related Quality of Life Following Glioma Surgery. <i>Neurosurgery</i> , 2021, 88, 720-732.	1.1	35
46	Mouse models of glioblastoma for the evaluation of novel therapeutic strategies. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab100.	0.7	47
47	Functional alterations in cortical processing of speech in glioma-infiltrated cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	26
48	Reply to Stummer, W.; Thomas, C. Comment on "Hosmann et al. 5-ALA Fluorescence Is a Powerful Prognostic Marker during Surgery of Low-Grade Gliomas (WHO Grade II)" Experience at Two Specialized Centers. <i>Cancers</i> 2021, 13, 2540" <i>Cancers</i> , 2021, 13, 5705.	3.7	0
49	Disruption of Frontal Aslant Tract Is Not Associated with Long-Term Postoperative Language Deficits. <i>World Neurosurgery</i> , 2020, 133, 192-195.	1.3	23
50	Myxoid glioneuronal tumor, <i>PDGFRA</i> p.K385"mutant: clinical, radiologic, and histopathologic features. <i>Brain Pathology</i> , 2020, 30, 479-494.	4.1	46
51	Advancing neuro-oncology of glial tumors from big data and multidisciplinary studies. <i>Journal of Neuro-Oncology</i> , 2020, 146, 1-7.	2.9	2
52	Awake craniotomy for resection of supratentorial glioblastoma: a systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa111.	0.7	24
53	TCGA mRNA Expression Analysis of the Heme Biosynthesis Pathway in Diffusely Infiltrating Gliomas: A Comparison of Typically 5-ALA Fluorescent and Non-Fluorescent Gliomas. <i>Cancers</i> , 2020, 12, 2043.	3.7	8
54	Domain Mapping and Deep Learning from Multiple MRI Clinical Datasets for Prediction of Molecular Subtypes in Low Grade Gliomas. <i>Brain Sciences</i> , 2020, 10, 463.	2.3	24

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55	The immunohistochemical, DNA methylation, and chromosomal copy number profile of cauda equina paraganglioma is distinct from extra-spinal paraganglioma. <i>Acta Neuropathologica</i> , 2020, 140, 907-917.	7.7	13
56	Multiplatform genomic profiling and magnetic resonance imaging identify mechanisms underlying intratumor heterogeneity in meningioma. <i>Nature Communications</i> , 2020, 11, 4803.	12.8	56
57	Comprehensive analysis of diverse low-grade neuroepithelial tumors with FGFR1 alterations reveals a distinct molecular signature of rosette-forming glioneuronal tumor. <i>Acta Neuropathologica Communications</i> , 2020, 8, 151.	5.2	35
58	Clinical, radiologic, and genetic characteristics of histone H3 K27M-mutant diffuse midline gliomas in adults. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa142.	0.7	35
59	Optimizing Magnetoencephalographic Imaging Estimation of Language Lateralization for Simpler Language Tasks. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 105.	2.0	10
60	High Interobserver Agreement in the Subjective Classification of 5-Aminolevulinic Acid Fluorescence Levels in Newly Diagnosed Glioblastomas. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 814-821.	2.1	9
61	Gliomas arising in the setting of Li-Fraumeni syndrome stratify into two molecular subgroups with divergent clinicopathologic features. <i>Acta Neuropathologica</i> , 2020, 139, 953-957.	7.7	18
62	Sideline Concussion Assessment: The Current State of the Art. <i>Neurosurgery</i> , 2020, 87, 466-475.	1.1	31
63	Introduction. Advances and future directions in brain mapping in neurosurgery. <i>Neurosurgical Focus</i> , 2020, 48, E1.	2.3	0
64	MGMT promoter methylation level in newly diagnosed low-grade glioma is a predictor of hypermutation at recurrence. <i>Neuro-Oncology</i> , 2020, 22, 1580-1590.	1.2	55
65	Principles of Supplemental Motor Area and Cingulate Tumor Resection With Asleep Trimodal Motor Mapping: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E415-E415.	0.8	2
66	The influence of race and socioeconomic status on therapeutic clinical trial screening and enrollment. <i>Journal of Neuro-Oncology</i> , 2020, 148, 131-139.	2.9	15
67	The Path to U.S. Neurosurgical Residency for Foreign Medical Graduates: Trends from a Decade 2007-2017. <i>World Neurosurgery</i> , 2020, 137, e584-e596.	1.3	42
68	Influence of Corticosteroids and Antiepileptic Drugs on Visible 5-Aminolevulinic Acid Fluorescence in a Series of Initially Suspected Low-Grade Gliomas Including World Health Organization Grade II, III, and IV Gliomas. <i>World Neurosurgery</i> , 2020, 137, e437-e446.	1.3	5
69	Association of Maximal Extent of Resection of Contrast-Enhanced and Non-Contrast-Enhanced Tumor With Survival Within Molecular Subgroups of Patients With Newly Diagnosed Glioblastoma. <i>JAMA Oncology</i> , 2020, 6, 495.	7.1	325
70	Awake glioma surgery: technical evolution and nuances. <i>Journal of Neuro-Oncology</i> , 2020, 147, 515-524.	2.9	63
71	Recurrent tumor and treatment-induced effects have different MR signatures in contrast enhancing and non-enhancing lesions of high-grade gliomas. <i>Neuro-Oncology</i> , 2020, 22, 1516-1526.	1.2	5
72	Pediatric bithalamic gliomas have a distinct epigenetic signature and frequent EGFR exon 20 insertions resulting in potential sensitivity to targeted kinase inhibition. <i>Acta Neuropathologica</i> , 2020, 139, 1071-1088.	7.7	50

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73	Preoperative Applications of Navigated Transcranial Magnetic Stimulation. <i>Frontiers in Neurology</i> , 2020, 11, 628903.	2.4	27
74	Impact of facility type and volume in low-grade glioma outcomes. <i>Journal of Neurosurgery</i> , 2020, 133, 1313-1323.	1.6	14
75	Surgical management of incidentally discovered low-grade gliomas. <i>Journal of Neurosurgery</i> , 2020, , 1-8.	1.6	15
76	Data-Driven, Visual Framework for the Characterization of Aphasias Across Stroke, Post-resective, and Neurodegenerative Disorders Over Time. <i>Frontiers in Neurology</i> , 2020, 11, 616764.	2.4	6
77	Introduction: Surgical Management of Eloquent Area Tumors. <i>Neurosurgery</i> , 2020, 87, 1076-1077.	1.1	3
78	The Glioma-Network Interface: A Review of the Relationship Between Glioma Molecular Subtype and Intratumoral Function. <i>Neurosurgery</i> , 2020, 87, 1078-1084.	1.1	14
79	The genetic landscape of anaplastic pleomorphic xanthoastrocytoma. <i>Brain Pathology</i> , 2019, 29, 85-96.	4.1	88
80	Subcortical stimulation mapping of descending motor pathways for peritumoral gliomas: assessment of morbidity and functional outcome in 702 cases. <i>Journal of Neurosurgery</i> , 2019, 131, 201-208.	1.6	46
81	5-Aminolevulinic acid fluorescence guided surgery for recurrent high-grade gliomas. <i>Journal of Neuro-Oncology</i> , 2019, 141, 517-522.	2.9	35
82	An independently validated nomogram for isocitrate dehydrogenase-wild-type glioblastoma patient survival. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz007.	0.7	40
83	Driving Neuronal Differentiation through Reversal of an ERK1/2-miR-124-SOX9 Axis Abrogates Glioblastoma Aggressiveness. <i>Cell Reports</i> , 2019, 28, 2064-2079.e11.	6.4	37
84	Mechanisms of Resistance to EGFR Inhibition Reveal Metabolic Vulnerabilities in Human GBM. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 1565-1576.	4.1	11
85	Management of Glioblastoma, Present and Future. <i>World Neurosurgery</i> , 2019, 131, 328-338.	1.3	39
86	Supracerebellar Approach to Radiation-Induced Giant Capillary Telangiectasia Within Juvenile Pilocytic Astrocytoma of Upper Brainstem. <i>World Neurosurgery</i> , 2019, 132, 57.	1.3	0
87	Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas. <i>Acta Neuropathologica</i> , 2019, 138, 877-881.	7.7	21
88	High density is a property of slow-cycling and treatment-resistant human glioblastoma cells. <i>Experimental Cell Research</i> , 2019, 378, 76-86.	2.6	14
89	Recurrent KBTBD4 small in-frame insertions and absence of DROSHA deletion or DICER1 mutation differentiate pineal parenchymal tumor of intermediate differentiation (PPTID) from pineoblastoma. <i>Acta Neuropathologica</i> , 2019, 137, 851-854.	7.7	45
90	Delirium Risk Factors and Associated Outcomes in a Neurosurgical Cohort: A Case-Control Study. <i>World Neurosurgery</i> , 2019, 126, e930-e936.	1.3	14

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91	Comparing Glioblastoma Surgery Decisions Between Teams Using Brain Maps of Tumor Locations, Biopsies, and Resections. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-12.	2.1	28
92	The genetic landscape of gliomas arising after therapeutic radiation. <i>Acta Neuropathologica</i> , 2019, 137, 139-150.	7.7	57
93	Commentary: Deficiencies in Socioeconomic Training During Neurosurgical Training. <i>Neurosurgery</i> , 2019, 84, E79-E85.	1.1	3
94	The Impact of Unmet Communication and Education Needs on Neurosurgical Patient and Caregiver Experiences of Care: A Qualitative Exploratory Analysis. <i>World Neurosurgery</i> , 2019, 122, e1528-e1535.	1.3	8
95	Presence of Histopathological Treatment Effects at Resection of Recurrent Glioblastoma: Incidence and Effect on Outcome. <i>Neurosurgery</i> , 2019, 85, 793-800.	1.1	10
96	Preoperative Resectability Estimates of Nonenhancing Glioma by Neurosurgeons and a Resection Probability Map. <i>Neurosurgery</i> , 2019, 85, E304-E313.	1.1	14
97	Management of low-grade glioma: a systematic review and meta-analysis. <i>Neuro-Oncology Practice</i> , 2019, 6, 249-258.	1.6	52
98	Evidence for Improving Outcome Through Extent of Resection. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 85-93.	1.7	42
99	MEG imaging of recurrent gliomas reveals functional plasticity of hemispheric language specialization. <i>Human Brain Mapping</i> , 2019, 40, 1082-1092.	3.6	35
100	Molecular features and clinical outcomes in surgically treated low-grade diffuse gliomas in patients over the age of 60. <i>Journal of Neuro-Oncology</i> , 2019, 141, 383-391.	2.9	18
101	Perioperative outcomes following reoperation for recurrent insular gliomas. <i>Journal of Neurosurgery</i> , 2019, 131, 467-473.	1.6	15
102	The transcortical equatorial approach for gliomas of the mesial temporal lobe: techniques and functional outcomes. <i>Journal of Neurosurgery</i> , 2019, 130, 822-830.	1.6	9
103	The management of low-grade gliomas in adults. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 450-457.	0.6	49
104	Cultural evolution: a Darwinian perspective on patient safety in neurosurgery. <i>Journal of Neurosurgery</i> , 2019, 131, 1985-1991.	1.6	0
105	Postoperative Delirium in Glioblastoma Patients: Risk Factors and Prognostic Implications. <i>Neurosurgery</i> , 2018, 83, 1161-1172.	1.1	29
106	Tuberculum sellae meningiomas: grading scale to assess surgical outcomes using the transcranial versus transsphenoidal approach. <i>Neurosurgical Focus</i> , 2018, 44, E9.	2.3	81
107	Seizure Outcome After Surgical Resection of Insular Glioma. <i>Neurosurgery</i> , 2018, 83, 709-718.	1.1	24
108	A cross-sectional study of neurosurgical department chairs in the United States. <i>Journal of Neurosurgery</i> , 2018, 129, 1342-1348.	1.6	16

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109	Comprehensive Molecular Profiling Identifies FOXM1 as a Key Transcription Factor for Meningioma Proliferation. <i>Cell Reports</i> , 2018, 22, 3672-3683.	6.4	95
110	Intraoperative perception and estimates on extent of resection during awake glioma surgery: overcoming the learning curve. <i>Journal of Neurosurgery</i> , 2018, 128, 1410-1418.	1.6	28
111	Prospective Feasibility Trial for Genomics-Informed Treatment in Recurrent and Progressive Glioblastoma. <i>Clinical Cancer Research</i> , 2018, 24, 295-305.	7.0	68
112	Adaptive Global Innovative Learning Environment for Glioblastoma: GBM AGILE. <i>Clinical Cancer Research</i> , 2018, 24, 737-743.	7.0	154
113	Surgical oncology for gliomas: the state of the art. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 112-125.	27.6	221
114	Resection of gliomas deemed inoperable by neurosurgeons based on preoperative imaging studies. <i>Journal of Neurosurgery</i> , 2018, 129, 567-575.	1.6	48
115	SURG-02. A NOVEL RISK MODEL TO DEFINE THE RELATIVE BENEFIT OF MAXIMAL EXTENT OF RESECTION WITHIN PROGNOSTIC GROUPS IN NEWLY DIAGNOSED GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi250-vi250.	1.2	0
116	ACTR-32. 5-ALA FLUORESCENCE IS A POWERFUL MARKER FOR DETECTION OF UNEXPECTED GLIOBLASTOMA TISSUE DURING SURGERY OF RADIOLOGICALLY SUSPECTED LOW-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi18-vi18.	1.2	0
117	PATH-05. IMPLEMENTATION OF A TARGETED NEXT-GENERATION SEQUENCING PANEL FOR THE DIAGNOSIS AND PRECISION MEDICINE TREATMENT OF ADULT PATIENTS WITH WHO GRADE IV DIFFUSE GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi158-vi159.	1.2	0
118	NIMG-11. DIFFERENTIATING TREATMENT-INDUCED EFFECTS FROM TRUE RECURRENT HIGH GRADE GLIOMA USING MULTIPARAMETRIC MRI TECHNIQUES. <i>Neuro-Oncology</i> , 2018, 20, vi177-vi178.	1.2	0
119	QOLP-02. INSURANCE STATUS IMPACTS THE ECONOMIC BURDEN AND SURVIVAL OF GLIOBLASTOMA PATIENTS WITH HEALTH INSURANCE. <i>Neuro-Oncology</i> , 2018, 20, vi214-vi214.	1.2	0
120	Evaluation of Three Morphologically Distinct Virus-Like Particles as Nanocarriers for Convection-Enhanced Drug Delivery to Glioblastoma. <i>Nanomaterials</i> , 2018, 8, 1007.	4.1	64
121	PATH-29. CLINICAL SIGNIFICANCE OF TEMOZOLOMIDE-INDUCED SOMATIC HYPERMUTATION IN INITIALLY LOW-GRADE IDH-MUTANT DIFFUSE GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi164-vi165.	1.2	0
122	The genetic landscape of ganglioglioma. <i>Acta Neuropathologica Communications</i> , 2018, 6, 47.	5.2	130
123	Region specific knock-out reveals distinct roles of chromatin modifiers in adult neurogenic niches. <i>Cell Cycle</i> , 2018, 17, 377-389.	2.6	9
124	Phase-2 trial of palbociclib in adult patients with recurrent RB1-positive glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 140, 477-483.	2.9	82
125	Developing an Algorithm for Optimizing Care of Elderly Patients With Glioblastoma. <i>Neurosurgery</i> , 2018, 82, 64-75.	1.1	22
126	Chemotherapy for adult low-grade gliomas: clinical outcomes by molecular subtype in a phase II study of adjuvant temozolomide. <i>Neuro-Oncology</i> , 2017, 19, now176.	1.2	70

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127	Stereotactic probability and variability of speech arrest and anomia sites during stimulation mapping of the language dominant hemisphere. <i>Journal of Neurosurgery</i> , 2017, 126, 114-121.	1.6	68
128	Histopathologic review of pineal parenchymal tumors identifies novel morphologic subtypes and prognostic factors for outcome. <i>Neuro-Oncology</i> , 2017, 19, 78-88.	1.2	51
129	Current and future strategies for treatment of glioma. <i>Neurosurgical Review</i> , 2017, 40, 1-14.	2.4	416
130	Comparative analyses identify molecular signature of MRI-classified SVZ-associated glioblastoma. <i>Cell Cycle</i> , 2017, 16, 765-775.	2.6	15
131	Anesthesia for awake craniotomy: a how-to guide for the occasional practitioner. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 517-529.	1.6	57
132	Adult infiltrating gliomas with WHO 2016 integrated diagnosis: additional prognostic roles of ATRX and TERT. <i>Acta Neuropathologica</i> , 2017, 133, 1001-1016.	7.7	245
133	Connected speech in transient aphasias after left hemisphere resective surgery. <i>Aphasiology</i> , 2017, 31, 1266-1281.	2.2	11
134	Improved Survival with Decreased Wait Time to Surgery in Glioblastoma Patients Presenting with Seizure. <i>Neurosurgery</i> , 2017, 81, 824-833.	1.1	30
135	Metabolic Profiling of IDH Mutation and Malignant Progression in Infiltrating Glioma. <i>Scientific Reports</i> , 2017, 7, 44792.	3.3	63
136	Changing Operating Room Culture: Implementation of a Postoperative Debrief and Improved Safety Culture. <i>World Neurosurgery</i> , 2017, 107, 597-603.	1.3	23
137	Analysis of Cost Variation in Craniotomy for Tumor Using 2 National Databases. <i>Neurosurgery</i> , 2017, 81, 972-979.	1.1	20
138	Probing the phosphatidylinositol 3-kinase/mammalian target of rapamycin pathway in gliomas: A phase 2 study of everolimus for recurrent adult low-grade gliomas. <i>Cancer</i> , 2017, 123, 4631-4639.	4.1	43
139	Neurosurgical Education in a Changing Healthcare and Regulatory Environment: A Consensus Statement from 6 Programs. <i>Neurosurgery</i> , 2017, 80, S75-S82.	1.1	18
140	Biologically aggressive regions within glioblastoma identified by spin-lock contrast T1 relaxation in the rotating frame (T1 ρ) MRI. <i>Radiology Case Reports</i> , 2017, 12, 827-832.	0.6	6
141	Tumor Evolution of Glioma-Intrinsic Gene Expression Subtypes Associates with Immunological Changes in the Microenvironment. <i>Cancer Cell</i> , 2017, 32, 42-56.e6.	16.8	1,282
142	Diffuse non-midline glioma with H3F3A K27M mutation: a prognostic and treatment dilemma. <i>Acta Neuropathologica Communications</i> , 2017, 5, 38.	5.2	41
143	EXTH-23. ANTISECRETORY FACTOR-MEDIATED LOWERING OF INTERSTITIAL FLUID PRESSURE PRODUCES ANTI-TUMOR ACTIVITY IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2017, 19, vi77-vi77.	1.2	0
144	A Review and Survey of Neurosurgeon-Hospital Relationships: Evolution and Options. <i>Neurosurgery</i> , 2017, 80, S10-S18.	1.1	7

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145	Pediatric sports-related traumatic brain injury in United States trauma centers. <i>Neurosurgical Focus</i> , 2016, 40, E3.	2.3	51
146	Introduction: Sports injuries: diagnosis and management strategies. <i>Neurosurgical Focus</i> , 2016, 40, E2.	2.3	0
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