

Jeffrey N Bruce

List of Publications by Year in descending order

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Version: 2024-02-01

146
papers

6,330
citations

76326

40
h-index

82547

72
g-index

152
all docs

152
docs citations

152
times ranked

9183
citing authors

#	ARTICLE	IF	CITATIONS
1	BOLD asynchrony elucidates tumor burden in IDH-mutated gliomas. <i>Neuro-Oncology</i> , 2022, 24, 78-87.	1.2	9
2	Adenocarcinoma Arising in a Yolk Sac Tumor of the Pineal Gland. <i>Journal of Neuropathology and Experimental Neurology</i> , 2022, 81, 291-295.	1.7	0
3	Thoracic low grade glial neoplasm with concurrent H3 K27M and PTPN11 mutations. <i>Acta Neuropathologica Communications</i> , 2022, 10, 64.	5.2	1
4	DDEL-07. A Phase I study examining the feasibility of intermittent convection-enhanced delivery (CED) of MTX110 for the treatment of children with newly diagnosed diffuse midline gliomas (DMGs). <i>Neuro-Oncology</i> , 2022, 24, i35-i35.	1.2	3
5	Dissecting the treatment-naïve ecosystem of human melanoma brain metastasis. <i>Cell</i> , 2022, 185, 2591-2608.e30.	28.9	62
6	Gonadotroph tumours with a low SF β 1 labelling index are more likely to recur and are associated with enrichment of the PI3K \rightarrow AKT pathway. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 415-427.	3.2	8
7	Therapeutic Outcomes of Spheno-orbital Meningiomas and Factors Influencing Recurrence over a 32-Year Period. , 2021, 82, .		0
8	Body Composition Changes with Long-term Pegvisomant Therapy of Acromegaly. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab004.	0.2	16
9	ETMM-04. ALIRKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA MODEL SYSTEMS. <i>Neuro-Oncology Advances</i> , 2021, 3, i15-i15.	0.7	0
10	Focused ultrasound mediated blood \rightarrow brain barrier opening is safe and feasible in a murine pontine glioma model. <i>Scientific Reports</i> , 2021, 11, 6521.	3.3	41
11	ETMM-05. LACTIC ACID FACILITATES GLIOBLASTOMA GROWTH THROUGH MODULATION OF THE EPIGENOME. <i>Neuro-Oncology Advances</i> , 2021, 3, i15-i15.	0.7	0
12	Extent of resection, molecular signature, and survival in 1p19q-codeleted gliomas. <i>Journal of Neurosurgery</i> , 2021, 134, 1357-1367.	1.6	31
13	Deconvolution of cell type-specific drug responses in human tumor tissue with single-cell RNA-seq. <i>Genome Medicine</i> , 2021, 13, 82.	8.2	43
14	Rationale and Clinical Implications of Fluorescein-Guided Supramarginal Resection in Newly Diagnosed High-Grade Glioma. <i>Frontiers in Oncology</i> , 2021, 11, 666734.	2.8	22
15	Asynchrony in Peritumoral Resting-State Blood Oxygen Level \rightarrow Dependent fMRI Predicts Meningioma Grade and Invasion. <i>American Journal of Neuroradiology</i> , 2021, 42, 1293-1298.	2.4	2
16	Single-cell characterization of macrophages in glioblastoma reveals MARCO as a mesenchymal pro-tumor marker. <i>Genome Medicine</i> , 2021, 13, 88.	8.2	57
17	Focused Ultrasound-Mediated Blood-Brain Barrier Opening Increases Delivery and Efficacy of Etoposide for Glioblastoma Treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 539-550.	0.8	44
18	HGG-40. FOCUSED ULTRASOUND ENHANCES ETOPOSIDE DELIVERY IN A MURINE PONTINE GLIOMA MODEL. <i>Neuro-Oncology</i> , 2021, 23, i25-i26.	1.2	0

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19	Right occipital transtentorial approach for a pineal malignant germ cell tumor. <i>Neurosurgical Focus Video</i> , 2021, 5, V3.	0.3	0
20	OTEH-6. Algorithmic approach to characterize post-treatment recurrent glioma using RNA sequencing and quantitative histopathology. <i>Neuro-Oncology Advances</i> , 2021, 3, ii11-ii11.	0.7	0
21	Aurora kinase A inhibition reverses the Warburg effect and elicits unique metabolic vulnerabilities in glioblastoma. <i>Nature Communications</i> , 2021, 12, 5203.	12.8	38
22	Rosette-Forming Glioneuronal Tumor in the Pineal Region: A Series of 6 Cases and Literature Review. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 933-943.	1.7	7
23	Convection Enhanced Delivery of Topotecan for Gliomas: A Single-Center Experience. <i>Pharmaceutics</i> , 2021, 13, 39.	4.5	9
24	ERK1/2 phosphorylation predicts survival following anti-PD-1 immunotherapy in recurrent glioblastoma. <i>Nature Cancer</i> , 2021, 2, 1372-1386.	13.2	39
25	Frameless Stereotactic Radiosurgery on the Gamma Knife Icon: Early Experience From 100 Patients. <i>Neurosurgery</i> , 2020, 86, 509-516.	1.1	31
26	MET Inhibition Elicits PGC1 α -Dependent Metabolic Reprogramming in Glioblastoma. <i>Cancer Research</i> , 2020, 80, 30-43.	0.9	35
27	Near real-time intraoperative brain tumor diagnosis using stimulated Raman histology and deep neural networks. <i>Nature Medicine</i> , 2020, 26, 52-58.	30.7	413
28	Patterns of seizure prophylaxis after oncologic neurosurgery. <i>Journal of Neuro-Oncology</i> , 2020, 146, 171-180.	2.9	21
29	Radiation-Induced Lipid Peroxidation Triggers Ferroptosis and Synergizes with Ferroptosis Inducers. <i>ACS Chemical Biology</i> , 2020, 15, 469-484.	3.4	280
30	Current Management of Craniopharyngiomas. <i>Current Treatment Options in Allergy</i> , 2020, 7, 347-355.	2.2	0
31	Gross Total Versus Subtotal Surgical Resection in the Management of Craniopharyngiomas. <i>Allergy and Rhinology</i> , 2020, 11, 215265672096415.	1.6	21
32	Integrating single-cell RNA-seq and imaging with SCOPE-seq2. <i>Scientific Reports</i> , 2020, 10, 19482.	3.3	16
33	Presenting Features in 269 Patients With Clinically Nonfunctioning Pituitary Adenomas Enrolled in a Prospective Study. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa021.	0.2	20
34	Surgery plus adjuvant radiotherapy for primary central nervous system lymphoma. <i>British Journal of Neurosurgery</i> , 2020, 34, 690-696.	0.8	10
35	HDAC inhibitors elicit metabolic reprogramming by targeting super-enhancers in glioblastoma models. <i>Journal of Clinical Investigation</i> , 2020, 130, 3699-3716.	8.2	104
36	Fluorescein-guided resection of gliomas. <i>Journal of Neurosurgical Sciences</i> , 2020, 63, 648-655.	0.6	9

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37	Validation of an effective implantable pump-infusion system for chronic convection-enhanced delivery of intracerebral topotecan in a large animal model. <i>Journal of Neurosurgery</i> , 2020, 133, 614-623.	1.6	17
38	Endoscopic Petrous Apex Surgery: The Utilization of Frontal Sinus Instrumentation. <i>Journal of Craniofacial Surgery</i> , 2020, 31, 2317-2319.	0.7	0
39	DDEL-07. A PHASE I STUDY EXAMINING THE FEASIBILITY OF INTERMITTENT CONVECTION-ENHANCED DELIVERY (CED) OF MTX110 FOR THE TREATMENT OF CHILDREN WITH NEWLY DIAGNOSED DIFFUSE MIDLINE GLIOMAS. <i>Neuro-Oncology</i> , 2020, 22, iii284-iii285.	1.2	0
40	DDEL-13. FOCUSED ULTRASOUND MEDIATED BLOOD BRAIN BARRIER DISRUPTION IN A MURINE MODEL OF PONTINE GLIOMA: A SAFETY AND FEASIBILITY STUDY. <i>Neuro-Oncology</i> , 2020, 22, iii286-iii286.	1.2	0
41	Novel Pineal Germinoma Model Demonstrates Sensitivity to MTOR Inhibition. , 2020, 81, .		0
42	CTNI-25. PHASE IB CLINICAL TRIAL OF CHRONIC CONVECTION-ENHANCED DELIVERY OF TOPOTECAN FOR RECURRENT GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii47-ii48.	1.2	0
43	TAMI-33. ALRKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii220-ii220.	1.2	0
44	EPCO-16. LACTIC ACID IS AN EPIGENETIC METABOLITE THAT DRIVES GLIOBLASTOMA SURVIVAL AND GROWTH. <i>Neuro-Oncology</i> , 2020, 22, ii72-ii72.	1.2	0
45	EPCO-07. LEVERAGING TRANSCRIPTOME SEQUENCING AND MATHEMATICAL MODELING TO INVESTIGATE GLIOBLASTOMA-MACROPHAGE INTERACTIONS. <i>Neuro-Oncology</i> , 2020, 22, ii70-ii70.	1.2	0
46	NIMG-67. DISAPPEARING DOTS “ TRANSIENT LATE ENHANCING LESIONS YEARS AFTER BRAIN RADIOTHERAPY. <i>Neuro-Oncology</i> , 2020, 22, ii163-ii163.	1.2	0
47	Extent of resection and survival for oligodendroglioma: a U.S. population-based study. <i>Journal of Neuro-Oncology</i> , 2019, 144, 591-601.	2.9	45
48	RADI-14. FRAMELESS STEREOTACTIC RADIOSURGERY ON THE GAMMA KNIFE ICON: EARLY EXPERIENCE FROM 42 PATIENTS WITH BRAIN METASTASES. <i>Neuro-Oncology Advances</i> , 2019, 1, i24-i24.	0.7	0
49	Spinal location is prognostic of survival for solitary-fibrous tumor/hemangiopericytoma of the central nervous system. <i>Journal of Neuro-Oncology</i> , 2019, 143, 457-464.	2.9	14
50	Sequencing and curation strategies for identifying candidate glioblastoma treatments. <i>BMC Medical Genomics</i> , 2019, 12, 56.	1.5	7
51	Plasma Agouti-Related Protein and Cortisol Levels in Cushing Disease: Evidence for the Regulation of Agouti-Related Protein by Glucocorticoids in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 961-969.	3.6	9
52	<i>De novo</i> gene signature identification from single-cell RNA-seq with hierarchical Poisson factorization. <i>Molecular Systems Biology</i> , 2019, 15, e8557.	7.2	78
53	Natural history, clinical course and predictors of interval time from initial diagnosis to development of subsequent NSCLC brain metastases. <i>Journal of Neuro-Oncology</i> , 2019, 143, 145-155.	2.9	14
54	Immune and genomic correlates of response to anti-PD-1 immunotherapy in glioblastoma. <i>Nature Medicine</i> , 2019, 25, 462-469.	30.7	569

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55	NIMG-61. USING MACHINE LEARNING TO BUILD RADIOMICS MODELS THAT DISTINGUISH REGIONS OF GLIOBLASTOMA RECURRENCE VS TUMOR PROGRESSION ON MRI. <i>Neuro-Oncology</i> , 2019, 21, vi175-vi175.	1.2	0
56	TMOD-14. RADIOGRAPHIC, STIMULATED RAMAN HISTOLOGIC, AND MULTIPLEXED RNA-SEQUENCING ANALYSIS OF POST-TREATMENT RECURRENT HIGH-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2019, 21, vi265-vi265.	1.2	0
57	Magnetic Resonance Imaging-Based Screening for Asymptomatic Brain Tumors: A Review. <i>Oncologist</i> , 2019, 24, 375-384.	3.7	22
58	Craniotomy and Survival for Primary Central Nervous System Lymphoma. <i>Neurosurgery</i> , 2019, 84, 935-944.	1.1	46
59	Review of clinical trials in intraoperative molecular imaging during cancer surgery. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	40
60	The Annual Neurosurgery Charity Softball Tournament: 15th Anniversary Commemorative Article. The creation, development, and establishment of a neurosurgical tradition. <i>Journal of Neurosurgery</i> , 2018, 128, 1605-1611.	1.6	2
61	Capturing Quality: The Challenge for High-Volume Academic Medical Centers. <i>Mayo Clinic Proceedings</i> , 2018, 93, 4-6.	3.0	3
62	Local Glioma Cells Are Associated with Vascular Dysregulation. <i>American Journal of Neuroradiology</i> , 2018, 39, 507-514.	2.4	16
63	Extent of BOLD Vascular Dysregulation Is Greater in Diffuse Gliomas without Isocitrate Dehydrogenase 1 R132H Mutation. <i>Radiology</i> , 2018, 287, 965-972.	7.3	15
64	Single institution validation of a modified graded prognostic assessment of patients with breast cancer brain metastases. <i>CNS Oncology</i> , 2018, 7, 25-34.	3.0	9
65	Solitary-fibrous tumor/hemangiopericytoma of the central nervous system: a population-based study. <i>Journal of Neuro-Oncology</i> , 2018, 138, 173-182.	2.9	59
66	Clinical and molecular characteristics of gliosarcoma and modern prognostic significance relative to conventional glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 137, 303-311.	2.9	43
67	Sodium Fluorescein Facilitates Guided Sampling of Diagnostic Tumor Tissue in Nonenhancing Gliomas. <i>Neurosurgery</i> , 2018, 82, 719-727.	1.1	38
68	Local control and overall survival for adjuvant stereotactic radiosurgery in patients with residual or recurrent disease. <i>Journal of Neuro-Oncology</i> , 2018, 136, 281-287.	2.9	6
69	The modified frailty index and 30-day adverse events in oncologic neurosurgery. <i>Journal of Neuro-Oncology</i> , 2018, 136, 197-206.	2.9	76
70	Failure to Rescue and Mortality Following Resection of Intracranial Neoplasms. <i>Neurosurgery</i> , 2018, 83, 263-269.	1.1	14
71	Letter: Surgical Decision Making From Image-Based Biophysical Modeling of Glioblastoma: Not Ready for Primetime. <i>Neurosurgery</i> , 2018, 82, E17-E18.	1.1	2
72	Single-cell transcriptome analysis of lineage diversity in high-grade glioma. <i>Genome Medicine</i> , 2018, 10, 57.	8.2	162

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73	Pineal region glioblastomas display features of diffuse midline and non-midline gliomas. <i>Journal of Neuro-Oncology</i> , 2018, 140, 63-73.	2.9	17
74	Defining Glioblastoma Resectability Through the Wisdom of the Crowd: A Proof-of-Principle Study. <i>Neurosurgery</i> , 2017, 80, 590-601.	1.1	34
75	The safety of resection for primary central nervous system lymphoma: a single institution retrospective analysis. <i>Journal of Neuro-Oncology</i> , 2017, 132, 189-197.	2.9	25
76	Autologous Heat Shock Protein Peptide Vaccination for Newly Diagnosed Glioblastoma: Impact of Peripheral PD-L1 Expression on Response to Therapy. <i>Clinical Cancer Research</i> , 2017, 23, 3575-3584.	7.0	78
77	A Multiparametric Model for Mapping Cellularity in Glioblastoma Using Radiographically Localized Biopsies. <i>American Journal of Neuroradiology</i> , 2017, 38, 890-898.	2.4	90
78	Flow arrest intra-arterial delivery of small TAT-decorated and neutral micelles to gliomas. <i>Journal of Neuro-Oncology</i> , 2017, 133, 77-85.	2.9	12
79	Extent of Resection in Glioma—A Review of the Cutting Edge. <i>World Neurosurgery</i> , 2017, 103, 538-549.	1.3	134
80	Invasiveness is associated with metastasis and decreased survival in hemangiopericytoma of the central nervous system. <i>Journal of Neuro-Oncology</i> , 2017, 133, 409-417.	2.9	14
81	Inhibition of Mitochondrial Matrix Chaperones and Antiapoptotic Bcl-2 Family Proteins Empower Antitumor Therapeutic Responses. <i>Cancer Research</i> , 2017, 77, 3513-3526.	0.9	56
82	Induction of synthetic lethality in IDH1-mutated gliomas through inhibition of Bcl-xL. <i>Nature Communications</i> , 2017, 8, 1067.	12.8	91
83	Targeting brain tumors by intra-arterial delivery of cell-penetrating peptides: a novel approach for primary and metastatic brain malignancy. <i>Journal of Neuro-Oncology</i> , 2017, 135, 497-506.	2.9	11
84	Subependymomas Are Low-Grade Heterogeneous Glial Neoplasms Defined by Subventricular Zone Lineage Markers. <i>World Neurosurgery</i> , 2017, 107, 451-463.	1.3	28
85	Breast cancer subtype and stage are prognostic of time from breast cancer diagnosis to brain metastasis development. <i>Journal of Neuro-Oncology</i> , 2017, 134, 453-463.	2.9	16
86	Aggressive resection at the infiltrative margins of glioblastoma facilitated by intraoperative fluorescein guidance. <i>Journal of Neurosurgery</i> , 2017, 127, 111-122.	1.6	122
87	Monitoring Radiation Treatment Effects in Glioblastoma: FLAIR Volume as Significant Predictor of Survival. <i>Tomography</i> , 2017, 3, 131-137.	1.8	15
88	Inhibition of deubiquitinases primes glioblastoma cells to apoptosis <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 12791-12805.	1.8	35
89	IMST-41. PARALLEL PROFILING OF MUTATIONAL LANDSCAPE, GENE EXPRESSION, AND T-CELL RECEPTOR REPERTOIRES IN SUBEPENDYMOMA REVEALS IMMUNOPHENOTYPIC HETEROGENEITY. <i>Neuro-Oncology</i> , 2016, 18, vi95-vi96.	1.2	0
90	NIMG-57. BOLD fMRI REFLECTS THE LOCAL PRESENCE OF GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2016, 18, vi137-vi137.	1.2	0

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91	Microsurgical resection of pineal region tumors. <i>Journal of Neuro-Oncology</i> , 2016, 130, 351-366.	2.9	63
92	Liposome size and charge optimization for intraarterial delivery to gliomas. <i>Drug Delivery and Translational Research</i> , 2016, 6, 225-233.	5.8	31
93	A Synthetic Cell-Penetrating Dominant-Negative ATF5 Peptide Exerts Anticancer Activity against a Broad Spectrum of Treatment-Resistant Cancers. <i>Clinical Cancer Research</i> , 2016, 22, 4698-4711.	7.0	63
94	Safety, feasibility, and optimization of intra-arterial mitoxantrone delivery to gliomas. <i>Journal of Neuro-Oncology</i> , 2016, 130, 449-454.	2.9	10
95	Computational pharmacokinetic rationale for intra-arterial delivery to the brain. <i>Drug Delivery and Translational Research</i> , 2016, 6, 622-629.	5.8	9
96	Cationizable lipid micelles as vehicles for intraarterial glioma treatment. <i>Journal of Neuro-Oncology</i> , 2016, 128, 21-28.	2.9	12
97	Frailty in Geriatric Glioblastoma Patients: A Predictor of Operative Morbidity and Outcome. <i>World Neurosurgery</i> , 2016, 89, 362-367.	1.3	98
98	Diversity and divergence of the glioma-infiltrating T-cell receptor repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3529-37.	7.1	103
99	Hypofractionated radiation therapy versus standard fractionated radiation therapy with concurrent temozolomide in elderly patients with newly diagnosed glioblastoma. <i>Practical Radiation Oncology</i> , 2016, 6, 306-314.	2.1	17
100	Venous air embolus during scalp incision. <i>Journal of Clinical Neuroscience</i> , 2016, 28, 170-171.	1.5	3
101	A Modern Radiotherapy Series of Survival in Hispanic Patients with Glioblastoma. <i>World Neurosurgery</i> , 2016, 88, 260-269.	1.3	7
102	An ID2-dependent mechanism for VHL inactivation in cancer. <i>Nature</i> , 2016, 529, 172-177.	27.8	108
103	Breast cancer subtype as a predictor for outcomes and control in the setting of brain metastases treated with stereotactic radiosurgery. <i>Journal of Neuro-Oncology</i> , 2016, 127, 103-110.	2.9	16
104	Metabolic reprogramming of glioblastoma cells by L-asparaginase sensitizes for apoptosis in vitro and in vivo. <i>Oncotarget</i> , 2016, 7, 33512-33528.	1.8	47
105	Reassessing the Role of Intra-Arterial Drug Delivery for Glioblastoma Multiforme Treatment. <i>Journal of Drug Delivery</i> , 2015, 2015, 1-15.	2.5	19
106	TIC10/ONC201 synergizes with Bcl-2/Bcl-xL inhibition in glioblastoma by suppression of Mcl-1 and its binding partners <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 36456-36471.	1.8	57
107	Complications Following Stereotactic Needle Biopsy of Intracranial Tumors. <i>World Neurosurgery</i> , 2015, 84, 1084-1089.	1.3	112
108	Adipose Tissue Redistribution and Ectopic Lipid Deposition in Active Acromegaly and Effects of Surgical Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2946-2955.	3.6	56

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109	Early Cerebral Blood Volume Changes Predict Progression After Convection-Enhanced Delivery of Topotecan for Recurrent Malignant Glioma. <i>World Neurosurgery</i> , 2015, 84, 163-172.	1.3	4
110	Convection-enhanced delivery for glioblastoma: targeted delivery of antitumor therapeutics. <i>CNS Oncology</i> , 2015, 4, 225-234.	3.0	24
111	Does lung cancer mutation status and targeted therapy predict for outcomes and local control in the setting of brain metastases treated with radiation?. <i>Neuro-Oncology</i> , 2015, 17, 1022-1028.	1.2	39
112	The Safety of Surgery in Elderly Patients with Primary and Recurrent Glioblastoma. <i>World Neurosurgery</i> , 2015, 84, 913-919.	1.3	44
113	IGF-1 levels across the spectrum of normal to elevated in acromegaly: relationship to insulin sensitivity, markers of cardiovascular risk and body composition. <i>Pituitary</i> , 2015, 18, 808-819.	2.9	44
114	Control of brain metastases from radioresistant tumors treated by stereotactic radiosurgery. <i>Journal of Neuro-Oncology</i> , 2015, 124, 507-514.	2.9	33
115	Intraarterial drug delivery for glioblastoma mutiforme. <i>Journal of Neuro-Oncology</i> , 2015, 124, 333-343.	2.9	27
116	Combined inhibition of Bcl-2/Bcl-xL and Usp9X/Bag3 overcomes apoptotic resistance in glioblastoma <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 14507-14521.	1.8	45
117	Neurocognitive functioning and quality of life in patients with recurrent malignant gliomas treated on a phase Ib trial evaluating topotecan by convection-enhanced delivery. <i>Neuro-Oncology Practice</i> , 2014, 1, 94-100.	1.6	3
118	Convection-enhanced delivery of etoposide is effective against murine proneural glioblastoma. <i>Neuro-Oncology</i> , 2014, 16, 1210-1219.	1.2	34
119	Prospective Study of Surgical Treatment of Acromegaly: Effects on Ghrelin, Weight, Adiposity, and Markers of CV Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 4124-4132.	3.6	43
120	Neurosurgical oncology: advances in operative technologies and adjuncts. <i>Journal of Neuro-Oncology</i> , 2014, 119, 451-463.	2.9	45
121	MRI-localized biopsies reveal subtype-specific differences in molecular and cellular composition at the margins of glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12550-12555.	7.1	224
122	The Transcriptional Regulatory Network of Proneural Glioma Determines the Genetic Alterations Selected during Tumor Progression. <i>Cancer Research</i> , 2014, 74, 1440-1451.	0.9	48
123	Management Paradigms Along a Histologic Spectrum of Pineal Cell Tumors. <i>World Neurosurgery</i> , 2014, 81, 685-687.	1.3	3
124	Real-time hemodynamic response and mitochondrial function changes with intracarotid mannitol injection. <i>Brain Research</i> , 2014, 1549, 42-51.	2.2	8
125	Monocyte-Derived Cells of the Brain and Malignant Gliomas: Translational Implications. <i>World Neurosurgery</i> , 2014, 82, 1015-1016.	1.3	0
126	Prospective phase II study of capecitabine and temozolomide (CAPTEM) for progressive, moderately, and well-differentiated metastatic neuroendocrine tumors.. <i>Journal of Clinical Oncology</i> , 2014, 32, 179-179.	1.6	46

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127	Outcomes of Gamma Knife radiosurgery, bimodality, and trimodality treatment regimens for patients with one or multiple brain metastases: The Columbia University Medical Center experience.. Journal of Clinical Oncology, 2014, 32, e13032-e13032.	1.6	0
128	Convection-enhanced delivery of topotecan into diffuse intrinsic brainstem tumors in children. Journal of Neurosurgery: Pediatrics, 2013, 11, 289-295.	1.3	80
129	Patient-specific biomathematical model to predict benefit of resection in human gliomas.. Journal of Clinical Oncology, 2013, 31, e13017-e13017.	1.6	0
130	Sitting Position for the Removal of Pineal Region Lesions. World Neurosurgery, 2012, 77, 657-658.	1.3	7
131	Regression of Recurrent Malignant Gliomas With Convection-Enhanced Delivery of Topotecan. Neurosurgery, 2011, 69, 1272-1280.	1.1	133
132	Convection-Enhanced Delivery of Topotecan into a PDGF-Driven Model of Glioblastoma Prolongs Survival and Ablates Both Tumor-Initiating Cells and Recruited Glial Progenitors. Cancer Research, 2011, 71, 3963-3971.	0.9	38
133	Prolonged intracerebral convection-enhanced delivery of topotecan with a subcutaneously implantable infusion pump. Neuro-Oncology, 2011, 13, 886-893.	1.2	56
134	Features at diagnosis of 324 patients with acromegaly did not change from 1981 to 2006: acromegaly remains under-recognized and under-diagnosed. Clinical Endocrinology, 2010, 72, 203-208.	2.4	191
135	Rapid recurrence and malignant transformation of pilocytic astrocytoma in adult patients. Journal of Neuro-Oncology, 2009, 95, 377-382.	2.9	68
136	Lower Visceral and Subcutaneous but Higher Intermuscular Adipose Tissue Depots in Patients with Growth Hormone and Insulin-Like Growth Factor I Excess Due to Acromegaly. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2334-2343.	3.6	99
137	Surgical Strategies for Treating Patients with Pineal Region Tumors. Journal of Neuro-Oncology, 2004, 69, 221-236.	2.9	112
138	Preservation of bone flaps in patients with postcraniotomy infections. Journal of Neurosurgery, 2003, 98, 1203-1207.	1.6	74
139	Limitations of the C6/Wistar Rat Intracerebral Glioma Model: Implications for Evaluating Immunotherapy. Neurosurgery, 2000, 47, 993-1000.	1.1	84
140	Intracerebral Clysis in a Rat Glioma Model. Neurosurgery, 2000, 46, 683-691.	1.1	87
141	Tissue Distribution and Antitumor Activity of Topotecan Delivered by Intracerebral Clysis in a Rat Glioma Model. Neurosurgery, 2000, 47, 1391-1399.	1.1	84
142	Do Reactive Post-Resection "Injury" Spikes Exist?. Epilepsia, 2000, 41, 1463-1468.	5.1	38
143	Genetic basis of intramedullary spinal cord tumors and therapeutic implications. Journal of Neuro-Oncology, 2000, 47, 239-251.	2.9	26
144	A phase I study of high-dose BCNU, etoposide and escalating-dose thiotepa (BTE) with hematopoietic progenitor cell support in adults with recurrent and high-risk brain tumors. Journal of Neuro-Oncology, 1999, 44, 155-162.	2.9	11

#	ARTICLE	IF	CITATIONS
145	Vascular permeability induced by protein product of malignant brain tumors: inhibition by dexamethasone. <i>Journal of Neurosurgery</i> , 1987, 67, 880-884.	1.6	109
146	Pineal region ganglioglioma: A neoplasm with a bimodal age distribution. , 0, 13, 245.		0