

Bob S Carter

List of Publications by Year in descending order

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Version: 2024-02-01

284
papers

26,506
citations

8181

76
h-index

6836

155
g-index

287
all docs

287
docs citations

287
times ranked

30154
citing authors

#	ARTICLE	IF	CITATIONS
1	5-Aminolevulinic acid for enhanced surgical visualization of high-grade gliomas: a prospective, multicenter study. <i>Journal of Neurosurgery</i> , 2022, 136, 1525-1534.	1.6	16
2	Multielectrode Spectroscopy Enables Rapid and Sensitive Molecular Profiling of Extracellular Vesicles. <i>ACS Central Science</i> , 2022, 8, 110-117.	11.3	12
3	Letter to the Editor. Cell therapy for Parkinson's disease. <i>Journal of Neurosurgery</i> , 2022, 136, 1810-1811.	1.6	1
4	Engineering Our Future: Advancing Cell and Gene Therapy in Neurosurgery. <i>Neurosurgery</i> , 2022, 68, 11-16.	1.1	0
5	Impaired neurogenesis alters brain biomechanics in a neuroprogenitor-based genetic subtype of congenital hydrocephalus. <i>Nature Neuroscience</i> , 2022, 25, 458-473.	14.8	46
6	Single-cell RNA sequencing reveals evolution of immune landscape during glioblastoma progression. <i>Nature Immunology</i> , 2022, 23, 971-984.	14.5	79
7	Abstract 5175: Novel approach for glioblastoma characterization via tumor specific extracellular vesicles. <i>Cancer Research</i> , 2022, 82, 5175-5175.	0.9	0
8	Microenvironmental Landscape of Human Melanoma Brain Metastases in Response to Immune Checkpoint Inhibition. <i>Cancer Immunology Research</i> , 2022, 10, 996-1012.	3.4	18
9	<i>TERT</i> Promoter Mutation Analysis for Blood-Based Diagnosis and Monitoring of Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 169-178.	7.0	50
10	A rapid genotyping panel for detection of primary central nervous system lymphoma. <i>Blood</i> , 2021, 138, 382-386.	1.4	13
11	Blood-Based Detection of BRAF V600E in Gliomas and Brain Tumor Metastasis. <i>Cancers</i> , 2021, 13, 1227.	3.7	9
12	Commentary: Chimeric Antigen Receptor T-Cell Therapy: Updates in Glioblastoma Treatment. <i>Neurosurgery</i> , 2021, 89, E68-E69.	1.1	1
13	An integrated magneto-electrochemical device for the rapid profiling of tumour extracellular vesicles from blood plasma. <i>Nature Biomedical Engineering</i> , 2021, 5, 678-689.	22.5	90
14	Intraoperative thalamocortical tract monitoring via direct cortical recordings during craniotomy. <i>Clinical Neurophysiology</i> , 2021, 132, 1416-1432.	1.5	6
15	Clinical outcomes as a function of the number of samples taken during stereotactic needle biopsies: a meta-analysis. <i>Journal of Neuro-Oncology</i> , 2021, 154, 1-11.	2.9	7
16	Abstract 456: Liquid biopsy for patient stratification and monitoring of dacomitinib clinical trial in patients with EGFR amplified recurrent glioblastoma. , 2021, , .		0
17	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
18	OMRT-2. Liquid biopsy for patient stratification and monitoring of dacomitinib clinical trial in patients with EGFR amplified recurrent glioblastoma. <i>Neuro-Oncology Advances</i> , 2021, 3, ii7-ii7.	0.7	0

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19	Predicting Discharge Disposition Following Meningioma Resection Using a Multi-Institutional Natural Language Processing Model. <i>Neurosurgery</i> , 2021, 88, 838-845.	1.1	7
20	The role of extracellular vesicles in acquisition of resistance to therapy in glioblastomas. , 2021, 4, 1-16.		8
21	BIOM-12. DEVELOPMENT OF 5-ALA BASED LIQUID BIOPSY FOR THE NON-INVASIVE DIAGNOSIS OF GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2021, 23, vi12-vi12.	1.2	0
22	BIOM-45. CHARACTERIZATION OF EVs RELEASED FROM 5-ALA DOSED GLIAL AND EXTRA-AXIAL TUMORS. <i>Neuro-Oncology</i> , 2021, 23, vi21-vi21.	1.2	0
23	Columnar Injection for Intracerebral Cell Therapy. <i>Operative Neurosurgery</i> , 2020, 18, 321-328.	0.8	7
24	Large and small extracellular vesicles released by glioma cells <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1689784.	12.2	57
25	Radiation-induced extracellular vesicle (EV) release of miR-603 promotes IGF1-mediated stem cell state in glioblastomas. <i>EBioMedicine</i> , 2020, 55, 102736.	6.1	35
26	Orally Administered 5-aminolevulinic Acid for Isolation and Characterization of Circulating Tumor-Derived Extracellular Vesicles in Glioblastoma Patients. <i>Cancers</i> , 2020, 12, 3297.	3.7	10
27	American Neurotology Society, American Otological Society, and American Academy of Otolaryngology – Head and Neck Foundation Guide to Enhance Otologic and Neurotologic Care During the COVID-19 Pandemic. <i>Otology and Neurotology</i> , 2020, 41, 1163-1174.	1.3	17
28	Toward a Personalized Approach to Parkinson's Cell Therapy. <i>Movement Disorders</i> , 2020, 35, 2119-2120.	3.9	4
29	Novel Gene Fusions in Glioblastoma Tumor Tissue and Matched Patient Plasma. <i>Cancers</i> , 2020, 12, 1219.	3.7	11
30	Personalized iPSC-Derived Dopamine Progenitor Cells for Parkinson's Disease. <i>New England Journal of Medicine</i> , 2020, 382, 1926-1932.	27.0	298
31	Liquid Biopsy Strategies to Distinguish Progression from Pseudoprogression and Radiation Necrosis in Glioblastomas. <i>Advanced Biology</i> , 2020, 4, 2000029.	3.0	12
32	Airborne Aerosol Generation During Endonasal Procedures in the Era of COVID-19: Risks and Recommendations. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 465-470.	1.9	118
33	Glioblastomas located in proximity to the subventricular zone (SVZ) exhibited enrichment of gene expression profiles associated with the cancer stem cell state. <i>Journal of Neuro-Oncology</i> , 2020, 148, 455-462.	2.9	24
34	FASN Is a Biomarker Enriched in Malignant Glioma-Derived Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1931.	4.1	20
35	Endonasal instrumentation and aerosolization risk in the era of COVID-19: simulation, literature review, and proposed mitigation strategies. <i>International Forum of Allergy and Rhinology</i> , 2020, 10, 798-805.	2.8	284
36	From laboratory to clinic: Translation of extracellular vesicle based cancer biomarkers. <i>Methods</i> , 2020, 177, 58-66.	3.8	55

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37	Letter: Adaptation Under Fire: Two Harvard Neurosurgical Services During the COVID-19 Pandemic. <i>Neurosurgery</i> , 2020, 87, E173-E177.	1.1	30
38	Human autologous iPSC-derived dopaminergic progenitors restore motor function in Parkinson's disease models. <i>Journal of Clinical Investigation</i> , 2020, 130, 904-920.	8.2	102
39	Receptor tyrosine kinase gene amplification is predictive of intraoperative seizures during glioma resection with functional mapping. <i>Journal of Neurosurgery</i> , 2020, 132, 1017-1023.	1.6	5
40	Multimodal cerebral arteriovenous malformation treatment: a 12-year experience and comparison of key outcomes to ARUBA. <i>Journal of Neurosurgery</i> , 2020, 133, 1792-1801.	1.6	18
41	Editorial. COVID-19 and academic neurosurgery. <i>Journal of Neurosurgery</i> , 2020, 133, 8-9.	1.6	20
42	Editorial. COVID-19 and neurosurgical practice: an interim report. <i>Journal of Neurosurgery</i> , 2020, 133, 3-4.	1.6	19
43	Predicting Discharge Disposition Following Meningioma Resection Using a Multiinstitutional Natural Language Processing Model. , 2020, 81, .		0
44	SURG-21. A CROWDSOURCED CONSENSUS ON SUPRATOTAL RESECTION VERSUS GROSS TOTAL RESECTION FOR ANATOMICALLY DISTINCT PRIMARY GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii207-ii208.	1.2	0
45	STEM-24. RADIATION-INDUCED EXTRACELLULAR VESICLE (EV) RELEASE OF miR-603 PROMOTES IGF1-MEDIATED STEM CELL STATE IN GLIOBLASTOMAS. <i>Neuro-Oncology</i> , 2020, 22, ii201-ii201.	1.2	0
46	Assessing the Understandability and Actionability of Online Neurosurgical Patient Education Materials. <i>World Neurosurgery</i> , 2019, 130, e588-e597.	1.3	29
47	An Integrative Model of Cellular States, Plasticity, and Genetics for Glioblastoma. <i>Cell</i> , 2019, 178, 835-849.e21.	28.9	1,408
48	A Pilot Proof-Of-Principle Analysis Demonstrating Dielectrophoresis (DEP) as a Glioblastoma Biomarker Platform. <i>Scientific Reports</i> , 2019, 9, 10279.	3.3	27
49	CAR-T cells secreting BiTEs circumvent antigen escape without detectable toxicity. <i>Nature Biotechnology</i> , 2019, 37, 1049-1058.	17.5	347
50	Commentary: Predicting Inpatient Length of Stay After Brain Tumor Surgery: Developing Machine Learning Ensembles to Improve Predictive Performance. <i>Neurosurgery</i> , 2019, 85, E444-E445.	1.1	1
51	Smoking As a Risk Factor for Postcraniotomy 30-Day Mortality. <i>World Neurosurgery</i> , 2019, 127, e400-e406.	1.3	1
52	Factors that modify the risk of intraoperative seizures triggered by electrical stimulation during supratentorial functional mapping. <i>Clinical Neurophysiology</i> , 2019, 130, 1058-1065.	1.5	22
53	Navigating the Landscape of Tumor Extracellular Vesicle Heterogeneity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1349.	4.1	39
54	The Extracellular RNA Communication Consortium: Establishing Foundational Knowledge and Technologies for Extracellular RNA Research. <i>Cell</i> , 2019, 177, 231-242.	28.9	152

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55	Correlation Structure in Micro-ECoG Recordings is Described by Spatially Coherent Components. <i>PLoS Computational Biology</i> , 2019, 15, e1006769.	3.2	32
56	CRISPR-Cas9 disruption of PD-1 enhances activity of universal EGFRvIII CAR T cells in a preclinical model of human glioblastoma. , 2019, 7, 304.		181
57	Characterization of plasma-derived protoporphyrin-IX-positive extracellular vesicles following 5-ALA use in patients with malignant glioma. <i>EBioMedicine</i> , 2019, 48, 23-35.	6.1	27
58	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
59	Is the new ASNM intraoperative neuromonitoring supervision "guideline" a trustworthy guideline? A commentary. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 185-190.	1.6	3
60	Prognostic Importance of Age, Tumor Location, and Tumor Grade in Grade II Astrocytomas: An Integrated Analysis of the Cancer Genome Atlas and the Surveillance, Epidemiology, and End Results Database. <i>World Neurosurgery</i> , 2019, 121, e411-e418.	1.3	10
61	Tentorial sling for microvascular decompression in patients with trigeminal neuralgia: a description of operative technique and clinical outcomes. <i>Journal of Neurosurgery</i> , 2019, 130, 1315-1320.	1.6	40
62	Extracellular Vesicles in Glioblastoma Tumor Microenvironment. <i>Frontiers in Immunology</i> , 2019, 10, 3137.	4.8	88
63	Abstract LB-066: BiTE-armed CARs overcome antigen escape in EGFRvIII-targeted therapy for glioblastoma. <i>Cancer Research</i> , 2019, 79, LB-066-LB-066.	0.9	4
64	Role of Biopsies in the Management of Intracranial Gliomas. <i>Progress in Neurological Surgery</i> , 2018, 30, 232-243.	1.3	12
65	Immune evasion mediated by PD-L1 on glioblastoma-derived extracellular vesicles. <i>Science Advances</i> , 2018, 4, eaar2766.	10.3	416
66	Sub-millimeter ECoG pitch in human enables higher fidelity cognitive neural state estimation. <i>NeuroImage</i> , 2018, 176, 454-464.	4.2	36
67	Mapping of genomic EGFRvIII deletions in glioblastoma: insight into rearrangement mechanisms and biomarker development. <i>Neuro-Oncology</i> , 2018, 20, 1310-1320.	1.2	27
68	Pluripotent stem cell-based therapy for Parkinson's disease: Current status and future prospects. <i>Progress in Neurobiology</i> , 2018, 168, 1-20.	5.7	84
69	Quantification of glioblastoma mass effect by lateral ventricle displacement. <i>Scientific Reports</i> , 2018, 8, 2827.	3.3	23
70	Post-operative imaging assessment of non-functioning pituitary adenomas. <i>Acta Neurochirurgica</i> , 2018, 160, 1029-1039.	1.7	4
71	Intraoperative Magnetic Resonance Imaging-Guided Biopsy in the Diagnosis of Suprasellar Langerhans Cell Histiocytosis. <i>World Neurosurgery</i> , 2018, 112, 6-13.	1.3	6
72	Interaction Between the Contributions of Tumor Location, Tumor Grade, and Patient Age to the Survival Benefit Associated with Gross Total Resection. <i>World Neurosurgery</i> , 2018, 111, e790-e798.	1.3	11

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73	Engineered nanointerfaces for microfluidic isolation and molecular profiling of tumor-specific extracellular vesicles. <i>Nature Communications</i> , 2018, 9, 175.	12.8	248
74	Development and Translation of PEDOT:PSS Microelectrodes for Intraoperative Monitoring. <i>Advanced Functional Materials</i> , 2018, 28, 1700232.	14.9	97
75	Oligodendroglioma resection: a Surveillance, Epidemiology, and End Results (SEER) analysis. <i>Journal of Neurosurgery</i> , 2018, 128, 1076-1083.	1.6	38
76	Risk Factors for Readmission with Cerebrospinal Fluid Leakage Within 30 Days of Vestibular Schwannoma Surgery. <i>Neurosurgery</i> , 2018, 82, 630-637.	1.1	20
77	Superior Prognostic Value of Cumulative Intracranial Tumor Volume Relative to Largest Intracranial Tumor Volume for Stereotactic Radiosurgery-Treated Brain Metastasis Patients. <i>Neurosurgery</i> , 2018, 82, 473-480.	1.1	23
78	Detection of glioblastoma in biofluids. <i>Journal of Neurosurgery</i> , 2018, 129, 334-340.	1.6	40
79	Survival patterns of oligoastrocytoma patients: A surveillance, epidemiology and end results (SEER) based analysis. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2018, 11, 70-75.	0.3	3
80	Impact of neurosurgeon specialization on patient outcomes for intracranial and spinal surgery: a retrospective analysis of the Nationwide Inpatient Sample 1998-2009. <i>Journal of Neurosurgery</i> , 2018, 128, 1578-1588.	1.6	15
81	ATIM-26. IMMUNOLOGIC TRENDS ASSOCIATED WITH PATIENT OUTCOMES IN A PHASE 1 CLINICAL TRIAL OF TOCA 511 AND TOCA FC IN RECURRENT HIGH GRADE GLIOMA. <i>Neuro-Oncology</i> , 2018, 20, vi6-vi7.	1.2	1
82	NIMG-25. MOLECULAR PHYSIOLOGY OF CONTRAST ENHANCEMENT IN GLIOBLASTOMAS: AN ANALYSIS OF THE CANCER IMAGING ARCHIVE (TCIA). <i>Neuro-Oncology</i> , 2018, 20, vi181-vi181.	1.2	0
83	SURG-04. SURVIVAL BENEFIT ASSOCIATED WITH GROSS TOTAL RESECTION IN GRADE II ASTROCYTOMAS: AN INTEGRATED ANALYSIS OF THE SEER AND TCGA DATABASE. <i>Neuro-Oncology</i> , 2018, 20, vi250-vi251.	1.2	0
84	RDNA-01. microRNA DEGRADATION MEDIATED GENETIC HETEROGENEITY AS A NOVEL MECHANISM FOR TEMOZOLOMIDE RESISTANCE IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi221-vi222.	1.2	0
85	309 Highly Sensitive Detection of the IDH1 R132H Mutation in the Plasma of Glioma Patients. <i>Neurosurgery</i> , 2018, 65, 125-126.	1.1	0
86	The role of proton beam therapy in central neurocytoma: A single-institution experience. <i>Practical Radiation Oncology</i> , 2018, 8, e305-e311.	2.1	1
87	Chimeric antigen receptor T-cell immunotherapy for glioblastoma: practical insights for neurosurgeons. <i>Neurosurgical Focus</i> , 2018, 44, E13.	2.3	25
88	Durable complete responses in some recurrent high-grade glioma patients treated with Toca 511 + Toca FC. <i>Neuro-Oncology</i> , 2018, 20, 1383-1392.	1.2	135
89	Molecular physiology of contrast enhancement in glioblastomas: An analysis of The Cancer Imaging Archive (TCIA). <i>Journal of Clinical Neuroscience</i> , 2018, 55, 86-92.	1.5	14
90	Cumulative Intracranial Tumor Volume Augments the Prognostic Value of Diagnosis-Specific Graded Prognostic Assessment Model for Survival in Patients with Melanoma Cerebral Metastases. <i>Neurosurgery</i> , 2018, 83, 237-244.	1.1	21

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91	Development of third generation anti-EGFRvIII chimeric T cells and EGFRvIII-expressing artificial antigen presenting cells for adoptive cell therapy for glioma. PLoS ONE, 2018, 13, e0199414.	2.5	30
92	Extracellular Vesicles as a Platform for Glioma Therapeutic Development. Progress in Neurological Surgery, 2018, 32, 172-179.	1.3	2
93	Blood-based biomarkers for the diagnosis and monitoring of gliomas. Neuro-Oncology, 2018, 20, 1155-1161.	1.2	67
94	Carotid artery stenting vs. carotid endarterectomy in the management of carotid artery stenosis: Lessons learned from randomized controlled trials. , 2018, 9, 85.		14
95	Abstract A085: Durable responses observed in recurrent high-grade glioma (rHGG) with Toca 511 and Toca FC treatment. , 2018, , .		0
96	Abstract 1956: miR-181d degradation mediated genetic heterogeneity and acquired resistance. , 2018, , .		1
97	Defining Glioblastoma Resectability Through the Wisdom of the Crowd: A Proof-of-Principle Study. Neurosurgery, 2017, 80, 590-601.	1.1	34
98	Editorial: Health care reform and the uninsured: lessons from Massachusetts. Journal of Neurosurgery, 2017, 126, 165-166.	1.6	0
99	Editorial: Acute stress impacts psychomotor performance. Journal of Neurosurgery, 2017, 126, 69-70.	1.6	1
100	Clinical efficacy and safety of surface imaging guided radiosurgery (SIG-RS) in the treatment of benign skull base tumors. Journal of Neuro-Oncology, 2017, 132, 307-312.	2.9	22
101	Editorial. Nimodipine treatment. Journal of Neurosurgery, 2017, 127, 1374-1375.	1.6	1
102	Survival trends of oligodendroglial tumor patients and associated clinical practice patterns: a SEER-based analysis. Journal of Neuro-Oncology, 2017, 133, 173-181.	2.9	14
103	Effect of Gross Total Resection in World Health Organization Grade II Astrocytomas: SEER-Based Survival Analysis. World Neurosurgery, 2017, 103, 741-747.	1.3	11
104	Detection of wild-type EGFR amplification and EGFRvIII mutation in CSF-derived extracellular vesicles of glioblastoma patients. Neuro-Oncology, 2017, 19, 1494-1502.	1.2	168
105	Management and Survival Patterns of Patients with Gliomatosis Cerebri: A SEER-Based Analysis. World Neurosurgery, 2017, 103, 186-193.	1.3	13
106	Ipsilateral Pupillary Dilation Following Carotid Endarterectomy: A Temporary and Benign Phenomenon. Neurosurgery, 2017, 80, E239-E244.	1.1	2
107	Depression After Spinal Surgery: A Comparative Analysis of the California Outcomes Database. Mayo Clinic Proceedings, 2017, 92, 88-97.	3.0	25
108	Coding and noncoding landscape of extracellular RNA released by human glioma stem cells. Nature Communications, 2017, 8, 1145.	12.8	384

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109	The use of TMZ embedded hydrogels for the treatment of orthotopic human glioma xenografts. <i>Journal of Clinical Neuroscience</i> , 2017, 45, 288-292.	1.5	6
110	Liquid biopsy for brain tumors. <i>Expert Review of Molecular Diagnostics</i> , 2017, 17, 943-947.	3.1	113
111	Analysis of extracellular RNA in cerebrospinal fluid. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1317577.	12.2	68
112	Survival Patterns of 5750 Stereotactic Radiosurgery-Treated Patients with Brain Metastasis as a Function of the Number of Lesions. <i>World Neurosurgery</i> , 2017, 107, 944-951.e1.	1.3	30
113	Improving the Prognostic Value of Disease-Specific Graded Prognostic Assessment Model for Renal Cell Carcinoma by Incorporation of Cumulative Intracranial Tumor Volume. <i>World Neurosurgery</i> , 2017, 108, 151-156.	1.3	24
114	Real-time Magnetic Resonance Imaging-Guided Biopsy Using SmartFrame® Stereotaxis in the Setting of a Conventional Diagnostic Magnetic Resonance Imaging Suite. <i>Operative Neurosurgery</i> , 2017, 13, 329-337.	0.8	14
115	Introduction. Neurosurgical rehabilitation. <i>Neurosurgical Focus</i> , 2017, 43, E1.	2.3	0
116	Establishing reconstructive neurosurgery as a subspecialty. <i>Neurosurgical Focus</i> , 2017, 43, E7.	2.3	8
117	Rapid Isolation and Detection of Exosomes and Associated Biomarkers from Plasma. <i>ACS Nano</i> , 2017, 11, 6641-6651.	14.6	275
118	The Association between Psychiatric Comorbidities and Outcomes for Inpatients with Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1005-1016.	3.4	22
119	A cerebrospinal fluid microRNA signature as biomarker for glioblastoma. <i>Oncotarget</i> , 2017, 8, 68769-68779.	1.8	111
120	Durable complete responses observed in IDH1 mutated high grade glioma at first recurrence undergoing treatment with Toca 511 and Toca FC.. <i>Journal of Clinical Oncology</i> , 2017, 35, e13504-e13504.	1.6	1
121	Abstract LB-207: PI3K ^{Î³} inhibition suppresses glioblastoma tumorigenicity through disruption of an IL11-STAT3-MYC signaling axis between microglia and glioblastoma. , 2017, , .		0
122	Early Detection of Glioblastoma. , 2016, , 247-252.		0
123	Differential localization of glioblastoma subtype: implications on glioblastoma pathogenesis. <i>Oncotarget</i> , 2016, 7, 24899-24907.	1.8	27
124	Characterization and Correction of Geometric Distortions in 814 Diffusion Weighted Images. <i>PLoS ONE</i> , 2016, 11, e0152472.	2.5	116
125	Impact of medical academic genealogy on publication patterns: An analysis of the literature for surgical resection in brain tumor patients. <i>Annals of Neurology</i> , 2016, 79, 169-177.	5.3	20
126	Cumulative Intracranial Tumor Volume (CITV) Enhances the Prognostic Value of the Lung-Specific Graded Prognostic Assessment (GPA) Model. <i>Neurosurgery</i> , 2016, 79, 246-252.	1.1	22

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127	Journal Bias™ in peer-reviewed literature: an analysis of the surgical high-grade glioma literature. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1248-1250.	1.9	5
128	Optimizing preservation of extracellular vesicular miRNAs derived from clinical cerebrospinal fluid. <i>Cancer Biomarkers</i> , 2016, 17, 125-132.	1.7	74
129	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Posttreatment Follow-up Evaluation of Patients With Nonfunctioning Pituitary Adenomas. <i>Neurosurgery</i> , 2016, 79, E541-E543.	1.1	34
130	Prediction of conversion from mild cognitive impairment to dementia with neuronally derived blood exosome protein profile. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 3, 63-72.	2.4	255
131	Increased Operative Time for Benign Cranial Nerve Tumor Resection Correlates with Increased Morbidity Postoperatively. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2016, 77, 350-357.	0.8	19
132	Coevolution of Peer-Reviewed Literature and Clinical Practice in High-Grade Glioma Resection. <i>World Neurosurgery</i> , 2016, 96, 237-241.	1.3	4
133	Predictors of 30-day perioperative morbidity and mortality of unruptured intracranial aneurysm surgery. <i>Clinical Neurology and Neurosurgery</i> , 2016, 149, 75-80.	1.4	31
134	A pilot study of physician personal preferences for treatment of glioblastoma. <i>Acta Neurochirurgica</i> , 2016, 158, 1933-1933.	1.7	0
135	Histologic Evidence for Arteriovenous Malformation-Like Vasculature Occurring within an Intracerebral Schwannoma: A Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2016, 92, 582.e9-582.e13.	1.3	4
136	Morbid obesity increases risk of morbidity and reoperation in resection of benign cranial nerve neoplasms. <i>Clinical Neurology and Neurosurgery</i> , 2016, 148, 105-109.	1.4	16
137	Phase 1 trial of vocimagene amiretrorepvec and 5-fluorocytosine for recurrent high-grade glioma. <i>Science Translational Medicine</i> , 2016, 8, 341ra75.	12.4	158
138	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Preoperative Imaging Assessment of Patients With Suspected Nonfunctioning Pituitary Adenomas. <i>Neurosurgery</i> , 2016, 79, E524-E526.	1.1	20
139	Future directions of operative neuro-oncology. <i>Journal of Neuro-Oncology</i> , 2016, 130, 377-382.	2.9	5
140	Is Patient Age Associated with Perioperative Outcomes After Surgical Resection of Benign Cranial Nerve Neoplasms?. <i>World Neurosurgery</i> , 2016, 89, 101-107.	1.3	18
141	Coma and Stroke Following Surgical Treatment of Unruptured Intracranial Aneurysm: An American College of Surgeons National Surgical Quality Improvement Program Study. <i>World Neurosurgery</i> , 2016, 91, 272-278.	1.3	16
142	Selective Detection of the D-enantiomer of 2-Hydroxyglutarate in the CSF of Glioma Patients with Mutated Isocitrate Dehydrogenase. <i>Clinical Cancer Research</i> , 2016, 22, 6256-6265.	7.0	43
143	A 22-Year Old Woman with Right Eyelid Swelling. <i>Brain Pathology</i> , 2016, 26, 425-426.	4.1	0
144	Superior Efficacy of Gross Total Resection in Anaplastic Astrocytoma Patients Relative to Glioblastoma Patients. <i>World Neurosurgery</i> , 2016, 90, 186-193.	1.3	13

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145	ExRNA in Biofluids as Biomarkers for Brain Tumors. Cellular and Molecular Neurobiology, 2016, 36, 353-360.	3.3	20
146	Stereotactic Radiosurgery Treatment of Trigeminal Neuralgia: Clinical Outcomes and Prognostic Factors. World Neurosurgery, 2016, 90, 604-612.e11.	1.3	24
147	Management patterns of patients with cerebral metastases who underwent multiple stereotactic radiosurgeries. Journal of Neuro-Oncology, 2016, 128, 119-128.	2.9	13
148	Survival trends of grade I, II, and III astrocytoma patients and associated clinical practice patterns between 1999 and 2010: A SEER-based analysis. Neuro-Oncology Practice, 2016, 3, 29-38.	1.6	22
149	Intraoperative magnetic resonance imaging assessment of non-functioning pituitary adenomas during transsphenoidal surgery. Pituitary, 2016, 19, 222-231.	2.9	22
150	Comparative Analysis of Technologies for Quantifying Extracellular Vesicles (EVs) in Clinical Cerebrospinal Fluids (CSF). PLoS ONE, 2016, 11, e0149866.	2.5	99
151	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. Journal of Extracellular Vesicles, 2015, 4, 26533.	12.2	51
152	Extracellular RNAs: development as biomarkers of human disease. Journal of Extracellular Vesicles, 2015, 4, 27495.	12.2	72
153	Integration of extracellular RNA profiling data using metadata, biomedical ontologies and Linked Data technologies. Journal of Extracellular Vesicles, 2015, 4, 27497.	12.2	48
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