

Clark C Chen

List of Publications by Year in descending order

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194
papers

10,178
citations

41344

49
h-index

42399

92
g-index

198
all docs

198
docs citations

198
times ranked

14500
citing authors

#	ARTICLE	IF	CITATIONS
1	Rates of operative intervention for infection after synthetic or autologous cranioplasty: a National Readmissions Database analysis. <i>Journal of Neurosurgery</i> , 2023, 138, 514-521.	1.6	2
2	Learning Curve Associated with ClearPoint Neuronavigation System: A Case Series. <i>World Neurosurgery: X</i> , 2022, 13, 100115.	1.1	6
3	Stereotactic Laser Ablation (SLA) followed by consolidation stereotactic radiosurgery (cSRS) as treatment for brain metastasis that recurred locally after initial radiosurgery (BMRS): a multi-institutional experience. <i>Journal of Neuro-Oncology</i> , 2022, 156, 295-306.	2.9	4
4	Initial Clinical Experience With ClearPoint SmartFrame Arrayâ€Aided Stereotactic Procedures. <i>World Neurosurgery</i> , 2022, 162, e120-e130.	1.3	5
5	Exosomal Carboxypeptidase E (CPE) and CPE-shRNA-Loaded Exosomes Regulate Metastatic Phenotype of Tumor Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3113.	4.1	8
6	GammaTileâ brachytherapy in the treatment of recurrent glioblastomas. <i>Neuro-Oncology Advances</i> , 2022, 4, vdab185.	0.7	10
7	Combination laser interstitial thermal therapy plus stereotactic radiotherapy increases time to progression for biopsy-proven recurrent brain metastases. <i>Neuro-Oncology Advances</i> , 2022, 4, .	0.7	5
8	Combining oncolytic virus with FDA approved pharmacological agents for cancer therapy. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 183-189.	3.1	6
9	Epidermal growth factor receptor as a molecular determinant of glioblastoma response to dopamine receptor D2 inhibitors. <i>Neuro-Oncology</i> , 2021, 23, 400-411.	1.2	11
10	Evidence-Based Recommendations for Seizure Prophylaxis in Patients with Brain Metastases Undergoing Stereotactic Radiosurgery. <i>Acta Neurochirurgica Supplementum</i> , 2021, 128, 51-55.	1.0	2
11	Cumulative Intracranial Tumor Volume as a Prognostic Factor in Patients with Brain Metastases Undergoing Stereotactic Radiosurgery. <i>Acta Neurochirurgica Supplementum</i> , 2021, 128, 57-69.	1.0	0
12	Laser interstitial thermotherapy (LITT) for the treatment of tumors of the brain and spine: a brief review. <i>Journal of Neuro-Oncology</i> , 2021, 151, 429-442.	2.9	37
13	Guidelines in the management of CNS tumors. <i>Journal of Neuro-Oncology</i> , 2021, 151, 345-359.	2.9	10
14	PI3KÎ inhibition suppresses microglia/TAM accumulation in glioblastoma microenvironment to promote exceptional temozolomide response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
15	State of Radiomics in Glioblastoma. <i>Neurosurgery</i> , 2021, 89, 177-184.	1.1	15
16	Detection of Isocitrate Dehydrogenase Mutated Glioblastomas Through Anomaly Detection Analytics. <i>Neurosurgery</i> , 2021, 89, 323-328.	1.1	6
17	Self-renewal signaling pathways and differentiation therapies of glioblastoma stem cells (Review). <i>International Journal of Oncology</i> , 2021, 59, .	3.3	5
18	Stereotactic and endoscopic treatment of the trapped temporal horn. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 24, 101053.	0.3	0

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19	Pattern of technology diffusion in the adoption of stereotactic laser interstitial thermal therapy (LITT) in neuro-oncology. <i>Journal of Neuro-Oncology</i> , 2021, 153, 417-424.	2.9	10
20	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
21	Targeted Liposomes Encapsulating miR-603 Complexes Enhance Radiation Sensitivity of Patient-Derived Glioblastoma Stem-Like Cells. <i>Pharmaceutics</i> , 2021, 13, 1115.	4.5	15
22	Potential and limitations of radiomics in neuro-oncology. <i>Journal of Clinical Neuroscience</i> , 2021, 90, 206-211.	1.5	8
23	An integrated disease-specific graded prognostic assessment scale for melanoma: contributions of KPS, CITV, number of metastases, and BRAF mutation status. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa152.	0.7	1
24	ssDNA nanotubes for selective targeting of glioblastoma and delivery of doxorubicin for enhanced survival. <i>Science Advances</i> , 2021, 7, eabl5872.	10.3	14
25	Laser Ablation of Abnormal Neurological Tissue Using Robotic Neuroblate System (LAANTERN): Procedural Safety and Hospitalization. <i>Neurosurgery</i> , 2020, 86, 538-547.	1.1	34
26	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
27	Frame-Based Stereotactic Endoscopic Third Ventriculostomy—Toward Improved Precision and Minimizing Morbidities. <i>World Neurosurgery</i> , 2020, 140, e240-e246.	1.3	1
28	Cost-effectiveness of stereotactic laser ablation (SLA) for brain tumors. <i>International Journal of Hyperthermia</i> , 2020, 37, 61-67.	2.5	8
29	Genome Engineering Evolves Brain Tumor Modeling. <i>Neurologia Medico-Chirurgica</i> , 2020, 60, 329-336.	2.2	7
30	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
31	GBP2 enhances glioblastoma invasion through Stat3/fibronectin pathway. <i>Oncogene</i> , 2020, 39, 5042-5055.	5.9	50
32	Laser Ablation of Abnormal Neurological Tissue Using Robotic NeuroBlate System (LAANTERN): 12-Month Outcomes and Quality of Life After Brain Tumor Ablation. <i>Neurosurgery</i> , 2020, 87, E338-E346.	1.1	43
33	GammaTile [®] : Surgically targeted radiation therapy for glioblastomas. <i>Future Oncology</i> , 2020, 16, 2445-2455.	2.4	33
34	Survival Association and Cell Cycle Effects of B7H3 in Neuroblastoma. <i>Journal of Korean Neurosurgical Society</i> , 2020, 63, 707-716.	1.2	12
35	A Pilot Proof-Of-Principle Analysis Demonstrating Dielectrophoresis (DEP) as a Glioblastoma Biomarker Platform. <i>Scientific Reports</i> , 2019, 9, 10279.	3.3	27
36	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Role of Prophylactic Anticonvulsants in the Treatment of Adults with Metastatic Brain Tumors. <i>Neurosurgery</i> , 2019, 84, E195-E197.	1.1	48

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37	Receipt of brachytherapy is an independent predictor of survival in glioblastoma in the Surveillance, Epidemiology, and End Results database. <i>Journal of Neuro-Oncology</i> , 2019, 145, 75-83.	2.9	19
38	Association between medical academic genealogy and publication outcome: impact of unconscious bias on scientific objectivity. <i>Acta Neurochirurgica</i> , 2019, 161, 205-211.	1.7	3
39	Stereotactic Laser Ablation as Treatment of Brain Metastases Recurring after Stereotactic Radiosurgery: A Systematic Literature Review. <i>World Neurosurgery</i> , 2019, 128, 134-142.	1.3	42
40	Smoking As a Risk Factor for Postcraniotomy 30-Day Mortality. <i>World Neurosurgery</i> , 2019, 127, e400-e406.	1.3	1
41	Comparison of Frame-Based Versus Frameless Intracranial Stereotactic Biopsy: Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019, 127, 607-616.e4.	1.3	61
42	B7H3 regulates differentiation and serves as a potential biomarker and theranostic target for human glioblastoma. <i>Laboratory Investigation</i> , 2019, 99, 1117-1129.	3.7	29
43	Inhibition of Nuclear PTEN Tyrosine Phosphorylation Enhances Glioma Radiation Sensitivity through Attenuated DNA Repair. <i>Cancer Cell</i> , 2019, 35, 504-518.e7.	16.8	102
44	Prognostic Importance of Cumulative Intracranial Tumor Volume in Patients with Gastrointestinal Brain Metastasis Treated with Stereotactic Radiosurgery. <i>World Neurosurgery</i> , 2019, 121, e747-e754.	1.3	16
45	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Treatment Options for Adults With Multiple Metastatic Brain Tumors. <i>Neurosurgery</i> , 2019, 84, E180-E182.	1.1	47
46	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
47	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
48	Quantification of glioblastoma mass effect by lateral ventricle displacement. <i>Scientific Reports</i> , 2018, 8, 2827.	3.3	23
49	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
50	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
51	Cystic Formation After Stereotactic Radiosurgery of Brain Metastasis. <i>World Neurosurgery</i> , 2018, 114, e719-e728.	1.3	8
52	Oligodendroglioma resection: a Surveillance, Epidemiology, and End Results (SEER) analysis. <i>Journal of Neurosurgery</i> , 2018, 128, 1076-1083.	1.6	38
53	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
54	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

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55	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
56	Glioblastoma stem cell-derived exosomes induce M2 macrophages and PD-L1 expression on human monocytes. <i>Oncolmmunology</i> , 2018, 7, e1412909.	4.6	247
57	Diagnostic utility of restriction spectrum imaging (RSI) in glioblastoma patients after concurrent radiation-temozolomide treatment: A pilot study. <i>Journal of Clinical Neuroscience</i> , 2018, 58, 136-141.	1.5	12
58	A single-cell translocation and secretion assay (TransSeA). <i>Lab on A Chip</i> , 2018, 18, 3154-3162.	6.0	12
59	Tumor-related epilepsy: epidemiology, pathogenesis and management. <i>Journal of Neuro-Oncology</i> , 2018, 139, 13-21.	2.9	65
60	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
61	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
62	Extracellular Vesicles as a Platform for Glioma Therapeutic Development. <i>Progress in Neurological Surgery</i> , 2018, 32, 172-179.	1.3	2
63	In Reply to "Comments on Results of Carroll et al's Study on Survival Benefits of Gross Total Resection" <i>World Neurosurgery</i> , 2018, 116, 479-480.	1.3	0
64	Clinical efficacy and safety of surface imaging guided radiosurgery (SIG-RS) in the treatment of benign skull base tumors. <i>Journal of Neuro-Oncology</i> , 2017, 132, 307-312.	2.9	22
65	Survival trends of oligodendroglial tumor patients and associated clinical practice patterns: a SEER-based analysis. <i>Journal of Neuro-Oncology</i> , 2017, 133, 173-181.	2.9	14
66	Effect of Gross Total Resection in World Health Organization Grade II Astrocytomas: SEER-Based Survival Analysis. <i>World Neurosurgery</i> , 2017, 103, 741-747.	1.3	11
67	Postoperative complications with cryotherapy in bone tumors. <i>Journal of Bone Oncology</i> , 2017, 7, 13-17.	2.4	24
68	Detection of wild-type EGFR amplification and EGFRvIII mutation in CSF-derived extracellular vesicles of glioblastoma patients. <i>Neuro-Oncology</i> , 2017, 19, 1494-1502.	1.2	168
69	Management and Survival Patterns of Patients with Gliomatosis Cerebri: A SEER-Based Analysis. <i>World Neurosurgery</i> , 2017, 103, 186-193.	1.3	13
70	Depression After Spinal Surgery: A Comparative Analysis of the California Outcomes Database. <i>Mayo Clinic Proceedings</i> , 2017, 92, 88-97.	3.0	25
71	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
72	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

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73	Prophylactic anticonvulsants in patients with primary glioblastoma. <i>Journal of Neuro-Oncology</i> , 2017, 135, 229-235.	2.9	11
74	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
75	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
76	A cerebrospinal fluid microRNA signature as biomarker for glioblastoma. <i>Oncotarget</i> , 2017, 8, 68769-68779.	1.8	111
77	Association between tumor architecture derived from generalized Q-space MRI and survival in glioblastoma. <i>Oncotarget</i> , 2017, 8, 41815-41826.	1.8	7
78	Extracellular Vesicles in Molecular Diagnostics. <i>Advances in Clinical Chemistry</i> , 2016, 76, 37-53.	3.7	15
79	Differential localization of glioblastoma subtype: implications on glioblastoma pathogenesis. <i>Oncotarget</i> , 2016, 7, 24899-24907.	1.8	27
80	Characterization and Correction of Geometric Distortions in 814 Diffusion Weighted Images. <i>PLoS ONE</i> , 2016, 11, e0152472.	2.5	116
81	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
82	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
83	Safety of stereotactic laser ablations performed as treatment for glioblastomas in a conventional magnetic resonance imaging suite. <i>Neurosurgical Focus</i> , 2016, 41, E7.	2.3	22
84	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
85	Optimizing preservation of extracellular vesicular miRNAs derived from clinical cerebrospinal fluid. <i>Cancer Biomarkers</i> , 2016, 17, 125-132.	1.7	74
86	Coevolution of Peer-Reviewed Literature and Clinical Practice in High-Grade Glioma Resection. <i>World Neurosurgery</i> , 2016, 96, 237-241.	1.3	4
87	Stereotactic laser ablation as treatment for brain metastases that recur after stereotactic radiosurgery: a multiinstitutional experience. <i>Neurosurgical Focus</i> , 2016, 41, E11.	2.3	59
88	Applications of Stereotactic Radiosurgery in Neuro-Oncology. , 2016, , 257-271.		1
89	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
90	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

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91	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
92	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
93	B7-H4(B7x) Mediated Cross-talk between Glioma-Initiating Cells and Macrophages via the IL6/JAK/STAT3 Pathway Lead to Poor Prognosis in Glioma Patients. <i>Clinical Cancer Research</i> , 2016, 22, 2778-2790.	7.0	128
94	Stereotactic Radiosurgery Treatment of Trigeminal Neuralgia: Clinical Outcomes and Prognostic Factors. <i>World Neurosurgery</i> , 2016, 90, 604-612.e11.	1.3	24
95	Management patterns of patients with cerebral metastases who underwent multiple stereotactic radiosurgeries. <i>Journal of Neuro-Oncology</i> , 2016, 128, 119-128.	2.9	13
96	Survival trends of grade I, II, and III astrocytoma patients and associated clinical practice patterns between 1999 and 2010: A SEER-based analysis. <i>Neuro-Oncology Practice</i> , 2016, 3, 29-38.	1.6	22
97	Intraoperative magnetic resonance imaging assessment of non-functioning pituitary adenomas during transsphenoidal surgery. <i>Pituitary</i> , 2016, 19, 222-231.	2.9	22
98	Extended transsphenoidal approach for pituitary adenomas invading the cavernous sinus using multiple complementary techniques. <i>Pituitary</i> , 2016, 19, 1-10.	2.9	31
99	Comparative Analysis of Technologies for Quantifying Extracellular Vesicles (EVs) in Clinical Cerebrospinal Fluids (CSF). <i>PLoS ONE</i> , 2016, 11, e0149866.	2.5	99
100	miRNA array screening reveals cooperative MGMT-regulation between miR-181d-5p and miR-409-3p in glioblastoma. <i>Oncotarget</i> , 2016, 7, 28195-28206.	1.8	34
101	Single-Isocenter Frameless Volumetric Modulated Arc Radiosurgery for Multiple Intracranial Metastases. <i>Neurosurgery</i> , 2015, 77, 233-240.	1.1	46
102	Meeting report: discussions and preliminary findings on extracellular RNA measurement methods from laboratories in the NIH Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 26533.	12.2	51
103	Potential functional applications of extracellular vesicles: a report by the NIH Common Fund Extracellular RNA Communication Consortium. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27575.	12.2	28
104	Orthogonal targeting of EGFRvIII expressing glioblastomas through simultaneous EGFR and PLK1 inhibition. <i>Oncotarget</i> , 2015, 6, 11751-11767.	1.8	9
105	Pre-operative cellularity mapping and intra-MRI surgery: potential for improving neurosurgical biopsies. <i>Expert Review of Medical Devices</i> , 2015, 12, 1-5.	2.8	10
106	Iterative Probabilistic Voxel Labeling: Automated Segmentation for Analysis of The Cancer Imaging Archive Glioblastoma Images. <i>American Journal of Neuroradiology</i> , 2015, 36, 678-685.	2.4	19
107	Dynamic epigenetic regulation of glioblastoma tumorigenicity through LSD1 modulation of MYC expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4055-64.	7.1	60
108	miRNA contents of cerebrospinal fluid extracellular vesicles in glioblastoma patients. <i>Journal of Neuro-Oncology</i> , 2015, 123, 205-216.	2.9	128

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109	Diagnostic Accuracy of PET, SPECT, and Arterial Spin-Labeling in Differentiating Tumor Recurrence from Necrosis in Cerebral Metastasis after Stereotactic Radiosurgery. American Journal of Neuroradiology, 2015, 36, 2250-2255.	2.4	43
110	IDH mutation and MGMT promoter methylation in glioblastoma: results of a prospective registry. Oncotarget, 2015, 6, 40896-40906.	1.8	116
111	Stereotactic radiosurgery for brain metastases from malignant melanoma. , 2015, 6, 355.		24
112	COLD-PCR Amplification of Bisulfite-Converted DNA Allows the Enrichment and Sequencing of Rare Un-Methylated Genomic Regions. PLoS ONE, 2014, 9, e94103.	2.5	12
113	Gross-total resection outcomes in an elderly population with glioblastoma: a SEER-based analysis. Journal of Neurosurgery, 2014, 120, 31-39.	1.6	112
114	The Cancer Genome Atlas expression profiles of low-grade gliomas. Neurosurgical Focus, 2014, 36, E23.	2.3	10
115	A Functional Screen Identifies miRs That Induce Radioresistance in Glioblastomas. Molecular Cancer Research, 2014, 12, 1767-1778.	3.4	28
116	Extracellular vesicles as a platform for "liquid biopsy"™ in glioblastoma patients. Expert Review of Molecular Diagnostics, 2014, 14, 819-825.	3.1	104
117	Diffusion-Weighted Imaging in Cancer: Physical Foundations and Applications of Restriction Spectrum Imaging. Cancer Research, 2014, 74, 4638-4652.	0.9	179
118	RNA-seq of 272 gliomas revealed a novel, recurrent <i>PTPRZ1-MET</i> fusion transcript in secondary glioblastomas. Genome Research, 2014, 24, 1765-1773.	5.5	316
119	Prognostic Factors for stereotactic radiosurgery-treated patients with cerebral metastasis: Implications on randomised control trial design and inter-institutional collaboration. European Journal of Cancer, 2014, 50, 1148-1158.	2.8	23
120	Shunting for hydrocephalus: analysis of techniques and failure patterns. Journal of Surgical Research, 2014, 191, 140-147.	1.6	24
121	Magnetic resonance tractography: a neurosurgical perspective. Future Neurology, 2014, 9, 279-283.	0.5	1
122	Genome-wide shRNA screen revealed integrated mitogenic signaling between dopamine receptor D2 (DRD2) and epidermal growth factor receptor (EGFR) in glioblastoma. Oncotarget, 2014, 5, 882-893.	1.8	127
123	A genome-wide miRNA screen revealed miR-603 as a MGMT-regulating miRNA in glioblastomas. Oncotarget, 2014, 5, 4026-4039.	1.8	62
124	Epigenetic suppression of EGFR signaling in G-CIMP+ glioblastomas. Oncotarget, 2014, 5, 7342-7356.	1.8	19
125	Frameless single-isocenter intensity modulated stereotactic radiosurgery for simultaneous treatment of multiple intracranial metastases. Translational Cancer Research, 2014, 3, 383-390.	1.0	16
126	Ventriculoperitoneal shunting: Laparoscopically assisted versus conventional open surgical approaches. Journal of Innovative Optical Health Sciences, 2014, 9, 72-81.	1.0	18

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127	Frameless, Real-Time Surface Imaging-Guided Radiosurgery System. <i>Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy</i> , 2014, 24, .	0.2	0
128	Management of Entrapped Temporal Horn by Temporal Horn to Preoptine Cistern Shunting. <i>World Neurosurgery</i> , 2013, 79, 404.e7-404.e10.	1.3	25
129	Immediate post-operative brachytherapy prior to irradiation and temozolomide for newly diagnosed glioblastoma. <i>Journal of Neuro-Oncology</i> , 2013, 113, 467-477.	2.9	28
130	Synthesis and delivery of short, noncoding RNA by B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20182-20187.	7.1	24
131	Biogenesis of extracellular vesicles (EV): exosomes, microvesicles, retrovirus-like vesicles, and apoptotic bodies. <i>Journal of Neuro-Oncology</i> , 2013, 113, 1-11.	2.9	1,054
132	The bromodomain protein Brd4 insulates chromatin from DNA damage signalling. <i>Nature</i> , 2013, 498, 246-250.	27.8	278
133	Whole-genome microRNA expression profiling identifies a 5-microRNA signature as a prognostic biomarker in Chinese patients with primary glioblastoma multiforme. <i>Cancer</i> , 2013, 119, 814-824.	4.1	79
134	Recovery of White Matter Tracts in Regions of Peritumoral FLAIR Hyperintensity with Use of Restriction Spectrum Imaging. <i>American Journal of Neuroradiology</i> , 2013, 34, 1157-1163.	2.4	40
135	Diagnostic yield of stereotactic needle-biopsies of sub-cubic centimeter intracranial lesions. , 2013, 4, 176.		40
136	Fibrin sealant augmentation with autologous pericranium for duraplasty after suboccipital decompression in Chiari 1 patients: A case series. , 2013, 4, 6.		15
137	Retrospective analysis of the tolerability and activity of lacosamide in patients with brain tumors. <i>Journal of Neurosurgery</i> , 2013, 118, 1183-1187.	1.6	59
138	Neurocognitive assessment following whole brain radiation therapy and radiosurgery for patients with cerebral metastases: Table A1. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 1384-1391.	1.9	106
139	miR-21 in the Extracellular Vesicles (EVs) of Cerebrospinal Fluid (CSF): A Platform for Glioblastoma Biomarker Development. <i>PLoS ONE</i> , 2013, 8, e78115.	2.5	270
140	BEAMing and Droplet Digital PCR Analysis of Mutant IDH1 mRNA in Glioma Patient Serum and Cerebrospinal Fluid Extracellular Vesicles. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e109.	5.1	284
141	Neuro-oncologic Applications of Exosomes, Microvesicles, and Other Nano-Sized Extracellular Particles. <i>Neurosurgery</i> , 2013, 72, 501-510.	1.1	35
142	Differential Expression of miR-145 in Children with Kawasaki Disease. <i>PLoS ONE</i> , 2013, 8, e58159.	2.5	60
143	Proteasome Inhibitors Block DNA Repair and Radiosensitize Non-Small Cell Lung Cancer. <i>PLoS ONE</i> , 2013, 8, e73710.	2.5	47
144	Anaplastic lymphoma kinase-positive large cell lymphoma of the anterior skull base: Report of an unusual case and review of the literature. , 2013, 4, 57.		8

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145	The value of extended glioblastoma resection: Insights from randomized controlled trials. , 2013, 4, 110.		9
146	Resolving controversies in neurosurgery through randomized controlled trials. , 2013, 4, 109.		0
147	Key concepts in glioblastoma therapy. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 753-760.	1.9	69
148	Viral vectors: promising new therapeutics in the battle against glioblastoma. Expert Review of Clinical Pharmacology, 2012, 5, 489-491.	3.1	0
149	miR-181d: a predictive glioblastoma biomarker that downregulates MGMT expression. Neuro-Oncology, 2012, 14, 712-719.	1.2	167
150	Ventriculoperitoneal shunting versus endoscopic third ventriculostomy in the treatment of patients with hydrocephalus related to metastasis. , 2012, 3, 97.		25
151	Frameless, Real-Time, Surface Imaging-Guided Radiosurgery. Neurosurgery, 2012, 71, 844-852.	1.1	56
152	Staged Scalp Soft Tissue Expansion Before Delayed Allograft Cranioplasty. Operative Neurosurgery, 2012, 71, ons15-ons21.	0.8	12
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