

Gelareh Zadeh

List of Publications by Year in descending order

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Version: 2024-02-01

213
papers

7,145
citations

57758

44
h-index

76900

74
g-index

219
all docs

219
docs citations

219
times ranked

10296
citing authors

#	ARTICLE	IF	CITATIONS
1	Glioblastoma in adults: a Society for Neuro-Oncology (SNO) and European Society of Neuro-Oncology (EANO) consensus review on current management and future directions. <i>Neuro-Oncology</i> , 2020, 22, 1073-1113.	1.2	543
2	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019, 576, 112-120.	27.8	320
3	Metabolic reprogramming in glioblastoma: the influence of cancer metabolism on epigenetics and unanswered questions. <i>Neuro-Oncology</i> , 2016, 18, 160-172.	1.2	214
4	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. <i>Neuro-Oncology</i> , 2019, 21, 901-910.	1.2	184
5	The Diagnosis and Treatment of Pseudoprogression, Radiation Necrosis and Brain Tumor Recurrence. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11832-11846.	4.1	183
6	A clinically applicable integrative molecular classification of meningiomas. <i>Nature</i> , 2021, 597, 119-125.	27.8	180
7	Inhibition of SHP2-mediated dephosphorylation of Ras suppresses oncogenesis. <i>Nature Communications</i> , 2015, 6, 8859.	12.8	173
8	MGMT promoter methylation status testing to guide therapy for glioblastoma: refining the approach based on emerging evidence and current challenges. <i>Neuro-Oncology</i> , 2019, 21, 167-178.	1.2	173
9	Detection and discrimination of intracranial tumors using plasma cell-free DNA methylomes. <i>Nature Medicine</i> , 2020, 26, 1044-1047.	30.7	170
10	Study of the biodistribution of fluorescein in glioma-infiltrated mouse brain and histopathological correlation of intraoperative findings in high-grade gliomas resected under fluorescein fluorescence guidance. <i>Journal of Neurosurgery</i> , 2015, 122, 1360-1369.	1.6	166
11	PET imaging in patients with meningioma—report of the RANO/PET Group. <i>Neuro-Oncology</i> , 2017, 19, 1576-1587.	1.2	157
12	Global epigenetic profiling identifies methylation subgroups associated with recurrence-free survival in meningioma. <i>Acta Neuropathologica</i> , 2017, 133, 431-444.	7.7	155
13	DNA hypermethylation within TERT promoter upregulates TERT expression in cancer. <i>Journal of Clinical Investigation</i> , 2018, 129, 223-229.	8.2	130
14	Precision histology: how deep learning is poised to revitalize histomorphology for personalized cancer care. <i>Npj Precision Oncology</i> , 2017, 1, 22.	5.4	127
15	GBM's multifaceted landscape: highlighting regional and microenvironmental heterogeneity. <i>Neuro-Oncology</i> , 2014, 16, 1167-1175.	1.2	125
16	The genomic landscape of schwannoma. <i>Nature Genetics</i> , 2016, 48, 1339-1348.	21.4	124
17	Silent subtype 3 pituitary adenomas are not always silent and represent poorly differentiated monomorphous plurihormonal Pit-1 lineage adenomas. <i>Modern Pathology</i> , 2016, 29, 131-142.	5.5	114
18	PINK1 is a Negative Regulator of Growth and the Warburg Effect in Glioblastoma. <i>Cancer Research</i> , 2016, 76, 4708-4719.	0.9	107

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19	Epigenetic loss of RNA-methyltransferase NSUN5 in glioma targets ribosomes to drive a stress adaptive translational program. <i>Acta Neuropathologica</i> , 2019, 138, 1053-1074.	7.7	106
20	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i18-i31.	1.2	102
21	Image-guided, intensity-modulated radiation therapy (IG-IMRT) for skull base chordoma and chondrosarcoma: preliminary outcomes. <i>Neuro-Oncology</i> , 2015, 17, 889-894.	1.2	93
22	Molecular and translational advances in meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i4-i17.	1.2	92
23	A molecularly integrated grade for meningioma. <i>Neuro-Oncology</i> , 2022, 24, 796-808.	1.2	83
24	Src promotes GTPase activity of Ras via tyrosine 32 phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3785-94.	7.1	81
25	Focused ultrasound delivery of Raman nanoparticles across the blood-brain barrier: Potential for targeting experimental brain tumors. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, e1075-e1087.	3.3	77
26	Therapeutic radiation for childhood cancer drives structural aberrations of NF2 in meningiomas. <i>Nature Communications</i> , 2017, 8, 186.	12.8	76
27	Inpatient and outpatient case prioritization for patients with neuro-oncologic disease amid the COVID-19 pandemic: general guidance for neuro-oncology practitioners from the AANS/CNS Tumor Section and Society for Neuro-Oncology. <i>Journal of Neuro-Oncology</i> , 2020, 147, 525-529.	2.9	76
28	Viral and other therapies for recurrent glioblastoma: is a 24-month durable response unusual?. <i>Neuro-Oncology</i> , 2019, 21, 14-25.	1.2	69
29	Postoperative Copeptin Concentration Predicts Diabetes Insipidus After Pituitary Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 2275-2282.	3.6	67
30	CIC protein instability contributes to tumorigenesis in glioblastoma. <i>Nature Communications</i> , 2019, 10, 661.	12.8	63
31	Angiogenesis in Nervous System Disorders. <i>Neurosurgery</i> , 2003, 53, 1362-1376.	1.1	62
32	Clinical features of silent corticotroph adenomas. <i>Acta Neurochirurgica</i> , 2012, 154, 1493-1498.	1.7	59
33	Null Cell Adenomas of the Pituitary Gland: an Institutional Review of Their Clinical Imaging and Behavioral Characteristics. <i>Endocrine Pathology</i> , 2015, 26, 63-70.	9.0	59
34	Management of peripheral nerve sheath tumors: 17 years of experience at Toronto Western Hospital. <i>Journal of Neurosurgery</i> , 2018, 128, 1226-1234.	1.6	57
35	Life after surgical resection of a meningioma: a prospective cross-sectional study evaluating health-related quality of life. <i>Neuro-Oncology</i> , 2019, 21, i32-i43.	1.2	56
36	Targeting the Tie2/Tek Receptor in Astrocytomas. <i>American Journal of Pathology</i> , 2004, 164, 467-476.	3.8	55

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37	ATM Regulates 3-Methylpurine-DNA Glycosylase and Promotes Therapeutic Resistance to Alkylating Agents. <i>Cancer Discovery</i> , 2014, 4, 1198-1213.	9.4	55
38	Comparison of endoscopic endonasal and bifrontal craniotomy approaches for olfactory groove meningiomas: A matched pair analysis of outcomes and frontal lobe changes on MRI. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1733-1741.	1.5	55
39	High-definition fiber tractography for the evaluation of perilesional white matter tracts in high-grade glioma surgery. <i>Neuro-Oncology</i> , 2015, 17, nov113.	1.2	51
40	The central nervous system tumor methylation classifier changes neuro-oncology practice for challenging brain tumor diagnoses and directly impacts patient care. <i>Clinical Epigenetics</i> , 2019, 11, 185.	4.1	51
41	Targeting hexokinase 2 enhances response to radio-chemotherapy in glioblastoma. <i>Oncotarget</i> , 2016, 7, 69518-69535.	1.8	51
42	Salvage Radiosurgery for Brain Metastases: Prognostic Factors to Consider in Patient Selection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 137-142.	0.8	48
43	EGFR and EGFRvIII in Glioblastoma: Partners in Crime. <i>Cancer Cell</i> , 2013, 24, 403-404.	16.8	47
44	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021, 12, 1749.	12.8	47
45	Pituitary Apoplexy: Results of Surgical and Conservative Management Clinical Series and Review of the Literature. <i>World Neurosurgery</i> , 2019, 130, e988-e999.	1.3	46
46	Molecular and Clinical Insights into the Invasive Capacity of Glioblastoma Cells. <i>Journal of Oncology</i> , 2019, 2019, 1-16.	1.3	46
47	High-Resolution In-Vivo Analysis of Normal Brain Response to Cranial Irradiation. <i>PLoS ONE</i> , 2012, 7, e38366.	2.5	45
48	Loss of H3K27me3 in meningiomas. <i>Neuro-Oncology</i> , 2021, 23, 1282-1291.	1.2	45
49	Dendritic cell vaccines for high-grade gliomas. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1299-1313.	2.0	42
50	Proteomic analysis of meningiomas reveals clinically distinct molecular patterns. <i>Neuro-Oncology</i> , 2019, 21, 1028-1038.	1.2	42
51	Pure endoscopic expanded endonasal approach for olfactory groove and tuberculum sellae meningiomas. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 927-933.	1.5	41
52	Growth Patterns of Pituitary Adenomas and Histopathological Correlates. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1330-1338.	3.6	40
53	Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype. <i>Clinical Cancer Research</i> , 2015, 21, 3750-3758.	7.0	40
54	MRI biomarkers identify the differential response of glioblastoma multiforme to anti-angiogenic therapy. <i>Neuro-Oncology</i> , 2014, 16, 868-879.	1.2	39

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55	Clinical impact of combined epigenetic and molecular analysis of pediatric low-grade gliomas. <i>Neuro-Oncology</i> , 2020, 22, 1474-1483.	1.2	39
56	Impact of the methylation classifier and ancillary methods on CNS tumor diagnostics. <i>Neuro-Oncology</i> , 2022, 24, 571-581.	1.2	39
57	Transcriptional profiling of GBM invasion genes identifies effective inhibitors of the LIM kinase-Cofilin pathway. <i>Oncotarget</i> , 2014, 5, 9382-9395.	1.8	37
58	Serum lactate as a potential biomarker of malignancy in primary adult brain tumours. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 144-148.	1.5	31
59	Management of multiple meningiomas. <i>Journal of Neurosurgery</i> , 2018, 128, 1403-1409.	1.6	31
60	Imaging Biomarker Dynamics in an Intracranial Murine Glioma Study of Radiation and Antiangiogenic Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 805-812.	0.8	30
61	The Use of Cone Beam Computed Tomography for Image Guided Gamma Knife Stereotactic Radiosurgery: Initial Clinical Evaluation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 214-220.	0.8	30
62	Role of Ang1 and Its Interaction with VEGF-A in Astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 978-989.	1.7	29
63	Serum lactate as a potential biomarker of non-glioma brain tumors. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1625-1627.	1.5	28
64	Clinical, pathologic, and imaging characteristics of pituitary null cell adenomas as defined according to the 2017 World Health Organization criteria: a case series from two pituitary centers. <i>Pituitary</i> , 2019, 22, 514-519.	2.9	28
65	TNF α secreted by glioma associated macrophages promotes endothelial activation and resistance against anti-angiogenic therapy. <i>Acta Neuropathologica Communications</i> , 2021, 9, 67.	5.2	28
66	Management and outcome of recurrent adult craniopharyngiomas: an analysis of 42 cases with long-term follow-up. <i>Neurosurgical Focus</i> , 2016, 41, E11.	2.3	27
67	ATIM-24. INTERIM RESULTS OF A PHASE II MULTICENTER STUDY OF THE CONDITIONALLY REPLICATIVE ONCOLYTIC ADENOVIRUS DNX-2401 WITH PEMBROLIZUMAB (KEYTRUDA) FOR RECURRENT GLIOBLASTOMA; CAPTIVE STUDY (KEYNOTE-192). <i>Neuro-Oncology</i> , 2018, 20, vi6-vi6.	1.2	27
68	Outcomes following stereotactic radiosurgery for small to medium-sized brain metastases are exceptionally dependent upon tumor size and prescribed dose. <i>Neuro-Oncology</i> , 2019, 21, 242-251.	1.2	27
69	Meningiomas induced by low-dose radiation carry structural variants of NF2 and a distinct mutational signature. <i>Acta Neuropathologica</i> , 2017, 134, 155-158.	7.7	26
70	Expanded Endonasal Endoscopic Surgery in Suprasellar Craniopharyngiomas: A Retrospective Analysis of 43 Surgeries Including Recurrent Cases. <i>Operative Neurosurgery</i> , 2019, 17, 132-142.	0.8	26
71	Epigenomic, genomic, and transcriptomic landscape of schwannomatosis. <i>Acta Neuropathologica</i> , 2021, 141, 101-116.	7.7	26
72	Proteins involved in regulating bone invasion in skull base meningiomas. <i>Acta Neurochirurgica</i> , 2013, 155, 421-427.	1.7	24

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73	Citation classics in neuro-oncology: assessment of historical trends and scientific progress. <i>Neuro-Oncology</i> , 2017, 19, 1158-1172.	1.2	24
74	Awake craniotomy for resection of supratentorial glioblastoma: a systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa111.	0.7	24
75	From Craniofacial Resection to Endonasal Endoscopic Removal of Malignant Tumors of the Anterior Skull Base. <i>World Neurosurgery</i> , 2014, 82, S59-S65.	1.3	23
76	VEGF Regulates Region-Specific Localization of Perivascular Bone Marrow-Derived Cells in Glioblastoma. <i>Cancer Research</i> , 2014, 74, 3727-3739.	0.9	23
77	Current Results of Surgical Treatment of Craniopharyngiomas: The Impact of Endoscopic Endonasal Approaches. <i>World Neurosurgery</i> , 2020, 142, 582-592.	1.3	23
78	COVID-19 Testing in Patients with Cancer: Does One Size Fit All?. <i>Clinical Cancer Research</i> , 2020, 26, 4737-4742.	7.0	23
79	Neovascularization in human astrocytomas expression and functional role of angiopoietins and their cognate receptors. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, e128-137.	3.0	22
80	Molecular Signatures for Tumor Classification. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 881-891.	2.8	22
81	Liquid Biomarkers for Improved Diagnosis and Classification of CNS Tumors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4548.	4.1	22
82	Determining the Optimal Adjuvant Therapy for Improving Survival in Elderly Patients with Glioblastoma: A Systematic Review and Network Meta-analysis. <i>Clinical Cancer Research</i> , 2020, 26, 2664-2672.	7.0	21
83	DNA methylation-based prognostic subtypes of chordoma tumors in tissue and plasma. <i>Neuro-Oncology</i> , 2022, 24, 442-454.	1.2	21
84	LTBK-04. PHASE 2 MULTICENTER STUDY OF THE ONCOLYTIC ADENOVIRUS DNX-2401 (TASADENOTUREV) IN COMBINATION WITH PEMBROLIZUMAB FOR RECURRENT GLIOBLASTOMA; CAPTIVE STUDY (KEYNOTE-192). <i>Neuro-Oncology</i> , 2020, 22, ii237-ii237.	1.2	21
85	Integrative analysis of non-small cell lung cancer patient-derived xenografts identifies distinct proteotypes associated with patient outcomes. <i>Nature Communications</i> , 2022, 13, 1811.	12.8	21
86	Regulation of the Pathological Vasculature of Malignant Astrocytomas by Angiopoietin-1. <i>Neoplasia</i> , 2005, 7, 1081-1090.	5.3	20
87	Predictors of response to Gamma Knife radiosurgery for intracranial meningiomas. <i>Journal of Neurosurgery</i> , 2015, 123, 1294-1300.	1.6	20
88	Programmed death ligand-1 (PD-L1) expression in meningioma; prognostic significance and its association with hypoxia and NFKB2 expression. <i>Scientific Reports</i> , 2020, 10, 14115.	3.3	20
89	Radiation induced peripheral nerve tumors: case series and review of the literature. <i>Journal of Neuro-Oncology</i> , 2007, 83, 205-212.	2.9	19
90	Atypical meningioma—is it time to standardize surgical sampling techniques?. <i>Neuro-Oncology</i> , 2016, 19, now245.	1.2	18

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91	Prognostic significance of preoperative neutrophilia on recurrence-free survival in meningioma. <i>Neuro-Oncology</i> , 2017, 19, 1503-1510.	1.2	18
92	Quality of life in patients with neurofibromatosis type 1 and 2 in Canada. <i>Neuro-Oncology Advances</i> , 2020, 2, i141-i149.	0.7	18
93	Minimalist approaches to cancer tissue-of-origin classification by DNA methylation. <i>Modern Pathology</i> , 2020, 33, 1874-1888.	5.5	18
94	Integrating molecular markers into the World Health Organization classification of CNS tumors: a survey of the neuro-oncology community. <i>Neuro-Oncology</i> , 2016, 19, now181.	1.2	17
95	Tissue 2-Hydroxyglutarate as a Biomarker for <i>Isocitrate Dehydrogenase</i> Mutations in Gliomas. <i>Clinical Cancer Research</i> , 2019, 25, 3366-3373.	7.0	17
96	Brain tumors and COVID-19: the patient and caregiver experience*. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa104.	0.7	17
97	Localized Intraoperative Virtual Endoscopy (LIVE) for Surgical Guidance in 16 Skull Base Patients. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 165-171.	1.9	16
98	Endoscopic Endonasal Repair of Spontaneous and Traumatic Cerebrospinal Fluid Rhinorrhea. <i>Neurosurgery Clinics of North America</i> , 2015, 26, 333-348.	1.7	16
99	Neurosurgical management of adult diffuse low grade gliomas in Canada: a multi-center survey. <i>Journal of Neuro-Oncology</i> , 2016, 126, 137-149.	2.9	16
100	Comprehensive characterization of a Canadian cohort of von Hippel-Lindau disease patients. <i>Clinical Genetics</i> , 2019, 96, 461-467.	2.0	16
101	Role of Angiopoietin-2 in Regulating Growth and Vascularity of Astrocytomas. <i>Journal of Oncology</i> , 2010, 2010, 1-7.	1.3	15
102	A microRNA Link to Glioblastoma Heterogeneity. <i>Cancers</i> , 2012, 4, 846-872.	3.7	15
103	A Phase II Study of Neoadjuvant Stereotactic Radiosurgery for Large Brain Metastases: Clinical Trial Protocol. <i>Neurosurgery</i> , 2020, 87, 403-407.	1.1	15
104	Quantitative comparison of cranial approaches in the anatomy laboratory: A neuronavigation based research method. <i>World Journal of Methodology</i> , 2017, 7, 139-147.	3.5	15
105	A role for matrix remodelling proteins in invasive and malignant meningiomas. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, e16-28.	3.2	14
106	Radiosurgery for brainstem metastases with and without whole brain radiotherapy: clinical series and literature review. <i>Journal of Radiation Oncology</i> , 2017, 6, 21-30.	0.7	13
107	Hypoxia Can Induce Migration of Glioblastoma Cells Through a Methylation-Dependent Control of ODZ1 Gene Expression. <i>Frontiers in Oncology</i> , 2019, 9, 1036.	2.8	13
108	Clinical significance of checkpoint regulator Programmed death ligand-1 (PD-L1) expression in meningioma: review of the current status. <i>Journal of Neuro-Oncology</i> , 2021, 151, 443-449.	2.9	13

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109	Tuberculum sellae meningiomas: a systematic review of transcranial approaches in the endoscopic era. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 200-215.	0.6	12
110	Report of National Brain Tumor Society roundtable workshop on innovating brain tumor clinical trials: building on lessons learned from COVID-19 experience. <i>Neuro-Oncology</i> , 2021, 23, 1252-1260.	1.2	11
111	Dual role of allele-specific DNA hypermethylation within the TERT promoter in cancer. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	11
112	Management and Outcomes in the Oldest-Old Population with Glioblastoma. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, 199-205.	0.5	10
113	Endoscopic management of Esthesioneuroblastoma: Our experience and review of the literature. <i>Journal of Clinical Neuroscience</i> , 2018, 58, 117-123.	1.5	10
114	c-Src Phosphorylates and Inhibits the Function of the CIC Tumor Suppressor Protein. <i>Molecular Cancer Research</i> , 2020, 18, 774-786.	3.4	10
115	Clinicopathologic and Treatment Features of Long-Term Surviving Brain Metastasis Patients. <i>Current Oncology</i> , 2021, 28, 549-559.	2.2	10
116	Cross-sectional analysis of women in neurosurgery: a Canadian perspective. <i>Neurosurgical Focus</i> , 2021, 50, E13.	2.3	10
117	Central Nervous System Metastases. <i>Hematology/Oncology Clinics of North America</i> , 2022, 36, 161-188.	2.2	10
118	Long-term neurocognitive, psychological, and return to work outcomes in meningioma patients. <i>Supportive Care in Cancer</i> , 2022, 30, 3893-3902.	2.2	10
119	Importance of Cobalt-60 Dose Rate and Biologically Effective Dose on Local Control for Intracranial Meningiomas Treated With Stereotactic Radiosurgery. <i>Neurosurgery</i> , 2022, 90, 140-147.	1.1	10
120	Molecular regulators of angiogenesis in the developing nervous system and adult brain tumors (review). <i>International Journal of Oncology</i> , 2003, 23, 557-65.	3.3	10
121	Role of mTOR Inhibitors in Growth Hormone-Producing Pituitary Adenomas Harboring Different FGFR4 Genotypes. <i>Endocrinology</i> , 2016, 157, 3577-3587.	2.8	9
122	TFE3-Expressing Perivascular Epithelioid Cell Neoplasm (PEComa) of the Sella Turcica. <i>Endocrine Pathology</i> , 2017, 28, 22-26.	9.0	9
123	Evidence of small fiber neuropathy in neurofibromatosis type 1. <i>Muscle and Nerve</i> , 2019, 60, 673-678.	2.2	9
124	Untapped Neuroimaging Tools for Neuro-Oncology: Connectomics and Spatial Transcriptomics. <i>Cancers</i> , 2022, 14, 464.	3.7	9
125	Pattern of Recurrence of Glioblastoma Versus Grade 4 IDH-Mutant Astrocytoma Following Chemoradiation: A Retrospective Matched-Cohort Analysis. <i>Technology in Cancer Research and Treatment</i> , 2022, 21, 153303382211096.	1.9	9
126	Much debated controversies of diffuse low-grade gliomas. <i>Neuro-Oncology</i> , 2015, 17, 323-326.	1.2	8

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127	National Perspectives on the Training of Neurosurgery Residents in Stereotactic Radiosurgery. Canadian Journal of Neurological Sciences, 2017, 44, 51-58.	0.5	8
128	Brain Metastases: A Modern Multidisciplinary Approach. Canadian Journal of Neurological Sciences, 2021, 48, 189-197.	0.5	8
129	Surgical anatomy and technical nuances of the endoscopic endonasal approach to the anterior cranial fossa. Journal of Neurosurgical Sciences, 2021, 65, 103-117.	0.6	8
130	Radiation Dose Rate, Biologically Effective Dose, and Tumor Characteristics on Local Control and Toxicity After Radiosurgery for Acoustic Neuromas. World Neurosurgery, 2021, 152, e512-e522.	1.3	8
131	The Importance of Long Term Follow Up After Endoscopic Pituitary Surgery: Durability of Results and Tumor Recurrence. Neurology India, 2020, 68, 92.	0.4	8
132	The centrally restricted diffusion sign on MRI for assessment of radiation necrosis in metastases treated with stereotactic radiosurgery. Journal of Neuro-Oncology, 2021, 155, 325-333.	2.9	8
133	Incidence and prevalence of primary malignant brain tumours in Canada from 1992 to 2017: an epidemiologic study. CMAJ Open, 2021, 9, E973-E979.	2.4	8
134	PIK3CA mutations in meningioma. Neuro-Oncology, 2016, 18, 603-604.	1.2	7
135	Rare IDH1 variants are common in pediatric hemispheric diffuse astrocytomas and frequently associated with Li-Fraumeni syndrome. Acta Neuropathologica, 2020, 139, 795-797.	7.7	7
136	Reinitiation of Anticoagulation After Surgical Evacuation of Subdural Hematomas. World Neurosurgery, 2020, 135, e616-e622.	1.3	7
137	Predictors of survival in elderly patients undergoing surgery for glioblastoma. Neuro-Oncology Advances, 2021, 3, vdab083.	0.7	7
138	Artificial Intelligence, Radiomics, and Deep Learning in Neuro-Oncology. Neuro-Oncology Advances, 2020, 2, iv1-iv2.	0.7	7
139	Consensus core clinical data elements for meningiomas (v2021.1). Neuro-Oncology, 2022, 24, 683-693.	1.2	7
140	Development of "Core Outcome Sets"™ for Meningioma in Clinical Studies (The COSMIC Project): protocol for two systematic literature reviews, eDelphi surveys and online consensus meetings. BMJ Open, 2022, 12, e057384.	1.9	7
141	Diagnostic implications of histological analysis of neurosurgical aspirate in addition to routine resections. Neuropathology, 2012, 32, 44-50.	1.2	6
142	Identifying Predictors of Early Growth Response and Adverse Radiation Effects of Vestibular Schwannomas to Radiosurgery. PLoS ONE, 2014, 9, e110823.	2.5	6
143	The Evolving Role of Radiosurgery in the Management of Radiation-Induced Meningiomas: A Review of Current Advances and Future Directions. BioMed Research International, 2014, 2014, 1-8.	1.9	6
144	A preclinical study demonstrating the efficacy of nilotinib in inhibiting the growth of pediatric high-grade glioma. Journal of Neuro-Oncology, 2015, 122, 471-480.	2.9	6

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145	Psychometric testing of the Skull Base Inventory health-related quality of life questionnaire in a multi-institutional study of patients undergoing open and endoscopic surgery. <i>Quality of Life Research</i> , 2021, 30, 293-301.	3.1	6
146	Combination olaparib and durvalumab for patients with recurrent IDH-mutated gliomas.. <i>Journal of Clinical Oncology</i> , 2021, 39, e14026-e14026.	1.6	6
147	Impact of EGFR mutation on outcomes following SRS for brain metastases in non-small cell lung cancer. <i>Lung Cancer</i> , 2021, 155, 34-39.	2.0	6
148	Paediatric atypical choroid plexus papilloma: is adjuvant therapy necessary?. <i>Journal of Neuro-Oncology</i> , 2021, 155, 63-70.	2.9	6
149	Endonasal Endoscopic Release of a Delayed Tension Pneumocephalus After Craniofacial Resection of a Tumor of the Anterior Skull Base. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2013, 74, e271-e274.	0.8	5
150	Neddylation in glioblastomas. <i>Neuro-Oncology</i> , 2015, 17, 1305-1306.	1.2	5
151	Recurrent Undifferentiated Carcinoma of the Sella in a Patient with Lynch Syndrome. <i>World Neurosurgery</i> , 2019, 132, 219-222.	1.3	5
152	Development and validation of a patient-centered, meningioma-specific quality-of-life questionnaire. <i>Journal of Neurosurgery</i> , 2021, 135, 1685-1694.	1.6	5
153	DICER governs characteristics of glioma stem cells and the resulting tumors in xenograft mouse models of glioblastoma. <i>Oncotarget</i> , 2016, 7, 56431-56446.	1.8	5
154	Opportunities and challenges for the development of "core outcome sets" in neuro-oncology. <i>Neuro-Oncology</i> , 2022, 24, 1048-1055.	1.2	5
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