

Gelareh Zadeh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

198
papers

5,366
citations

45
h-index

67
g-index

219
ext. papers

7,409
ext. citations

4.5
avg, IF

5.9
L-index

#	Paper	IF	Citations
198	Untapped Neuroimaging Tools for Neuro-Oncology: Connectomics and Spatial Transcriptomics.. <i>Cancers</i> , 2022 , 14,	6.6	2
197	Long-term neurocognitive, psychological, and return to work outcomes in meningioma patients.. <i>Supportive Care in Cancer</i> , 2022 , 1	3.9	1
196	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	3.2	1
195	Real-time synchronized recording of force and position data during a mastoidectomy [Toward robotic mastoidectomy development. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2022 , 27, 101439	0.5	
194	Central Nervous System Metastases. <i>Hematology/Oncology Clinics of North America</i> , 2022 , 36, 161-188	3.1	2
193	Multiplicity does not significantly affect outcomes in brain metastasis patients treated with surgery.. <i>Neuro-Oncology Advances</i> , 2022 , 4, vdac022	0.9	0
192	Opportunities and Challenges for the development of Core Outcome Sets in Neuro-Oncology.. <i>Neuro-Oncology</i> , 2022 ,	1	1
191	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	17.4	2
190	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.. <i>BMJ Open</i> , 2022 , 12, e057384	3	0
189	Barriers and facilitators in the implementation of a telemedicine-based outpatient brain tumor surgery program. <i>Neurosurgical Focus</i> , 2022 , 52, E8	4.2	
188	Incidence and prevalence of primary malignant brain tumours in Canada from 1992 to 2017: an epidemiologic study. <i>CMAJ Open</i> , 2021 , 9, E973-E979	2.5	0
187	Perspective review on applications of optics in skull base surgery. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 212, 107085	2	
186	The centrally restricted diffusion sign on MRI for assessment of radiation necrosis in metastases treated with stereotactic radiosurgery. <i>Journal of Neuro-Oncology</i> , 2021 , 155, 325-333	4.8	2
185	Transcription factor networks of oligodendrogliomas treated with adjuvant radiotherapy or observation inform prognosis. <i>Neuro-Oncology</i> , 2021 , 23, 795-802	1	1
184	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021 , 12, 1749	17.4	7
183	Surgical anatomy and technical nuances of the endoscopic endonasal approach to the anterior cranial fossa. <i>Journal of Neurosurgical Sciences</i> , 2021 , 65, 103-117	1.3	0
182	TNF β secreted by glioma associated macrophages promotes endothelial activation and resistance against anti-angiogenic therapy. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 67	7.3	7

181	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	5
180	Liquid Biomarkers for Improved Diagnosis and Classification of CNS Tumors. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
179	Evolution of the Neurosurgeon@ Role in Clinical Trials for Glioblastoma: A Systematic Overview of the Clinicaltrials.gov Database. <i>Neurosurgery</i> , 2021 , 89, 196-203	3.2	0
178	Combination olaparib and durvalumab for patients with recurrent IDH-mutated gliomas.. <i>Journal of Clinical Oncology</i> , 2021 , 39, e14026-e14026	2.2	0
177	Development and validation of a patient-centered, meningioma-specific quality-of-life questionnaire. <i>Journal of Neurosurgery</i> , 2021 , 1-10	3.2	1
176	Loss of H3K27me3 in meningiomas. <i>Neuro-Oncology</i> , 2021 , 23, 1282-1291	1	7
175	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	5.9	1
174	Epigenomic, genomic, and transcriptomic landscape of schwannomatosis. <i>Acta Neuropathologica</i> , 2021 , 141, 101-116	14.3	11
173	Brain Metastases: A Modern Multidisciplinary Approach. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 48, 189-197	1	0
172	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	3.7	1
171	Malignant transformation of plexiform neurofibroma to MPNST while on MEK inhibitor. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab033	0.9	1
170	Predictors of survival in elderly patients undergoing surgery for glioblastoma. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab083	0.9	1
169	Lessons learned from contemporary glioblastoma randomized clinical trials through systematic review and network meta-analysis: part 2 newly diagnosed disease. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab028	0.9	4
168	Clinicopathologic and Treatment Features of Long-Term Surviving Brain Metastasis Patients. <i>Current Oncology</i> , 2021 , 28, 549-559	2.8	2
167	Role of surgery for glioblastoma: response to letters from Dr. Gerritsen and his colleagues and Dr. Vargas Lopez. <i>Neuro-Oncology</i> , 2021 , 23, 506-507	1	
166	Lessons learned from contemporary glioblastoma randomized clinical trials through systematic review and network meta-analysis: part 2 recurrent glioblastoma. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab029	0.9	1
165	A case series of pediatric survivors of anaplastic pleomorphic xanthoastrocytoma. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdaa176	0.9	
164	The state of neuro-oncology during the COVID-19 pandemic: a worldwide assessment. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab035	0.9	0

163	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	4.8	3
162	Cross-sectional analysis of women in neurosurgery: a Canadian perspective. <i>Neurosurgical Focus</i> , 2021 , 50, E13	4.2	2
161	MLTI-06. Surgical resection plus stereotactic radiosurgery versus SRS alone for large brain metastases: a comparative study. <i>Neuro-Oncology Advances</i> , 2021 , 3, iii14-iii14	0.9	78
160	Radiation Dose Rate, Biologically Effective Dose, and Tumor Characteristics on Local Control and Toxicity After Radiosurgery for Acoustic Neuromas. <i>World Neurosurgery</i> , 2021 , 152, e512-e522	2.1	1
159	A clinically applicable integrative molecular classification of meningiomas. <i>Nature</i> , 2021 , 597, 119-125	50.4	25
158	Paediatric atypical choroid plexus papilloma: is adjuvant therapy necessary?. <i>Journal of Neuro-Oncology</i> , 2021 , 155, 63-70	4.8	2
157	Impact of the methylation classifier and ancillary methods on CNS tumor diagnostics. <i>Neuro-Oncology</i> , 2021 ,	1	4
156	A Molecularly Integrated Grade for Meningioma. <i>Neuro-Oncology</i> , 2021 ,	1	7
155	DNA Methylation based prognostic subtypes of chordoma tumors in tissue and plasma. <i>Neuro-Oncology</i> , 2021 ,	1	2
154	Minimalist approaches to cancer tissue-of-origin classification by DNA methylation. <i>Modern Pathology</i> , 2020 , 33, 1874-1888	9.8	8
153	Detection and discrimination of intracranial tumors using plasma cell-free DNA methylomes. <i>Nature Medicine</i> , 2020 , 26, 1044-1047	50.5	76
152	COVID-19 Testing in Patients with Cancer: Does One Size Fit All?. <i>Clinical Cancer Research</i> , 2020 , 26, 4737-4742	14.7	14
151	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	12.9	11
150	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	4.8	55
149	Clinical impact of combined epigenetic and molecular analysis of pediatric low-grade gliomas. <i>Neuro-Oncology</i> , 2020 , 22, 1474-1483	1	14
148	c-Src Phosphorylates and Inhibits the Function of the CIC Tumor Suppressor Protein. <i>Molecular Cancer Research</i> , 2020 , 18, 774-786	6.6	5
147	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	178
146	The Importance of Long Term Follow Up After Endoscopic Pituitary Surgery: Durability of Results and Tumor Recurrence. <i>Neurology India</i> , 2020 , 68, S92-S100	0.7	4

145	Phase II basket trial of olaparib and durvalumab in patients (pts) with isocitrate dehydrogenase (IDH) mutated solid tumors.. <i>Journal of Clinical Oncology</i> , 2020 , 38, TPS3167-TPS3167	2.2	1
144	Short Course Hypofractionated Radiotherapy for Frail or Elderly Patients With Meningioma. <i>Cureus</i> , 2020 , 12, e8604	1.2	
143	LTKB-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	10
142	A Phase II Study of Neoadjuvant Stereotactic Radiosurgery for Large Brain Metastases: Clinical Trial Protocol. <i>Neurosurgery</i> , 2020 , 87, 403-407	3.2	5
141	Rare IDH1 variants are common in pediatric hemispheric diffuse astrocytomas and frequently associated with Li-Fraumeni syndrome. <i>Acta Neuropathologica</i> , 2020 , 139, 795-797	14.3	5
140	Reinitiation of Anticoagulation After Surgical Evacuation of Subdural Hematomas. <i>World Neurosurgery</i> , 2020 , 135, e616-e622	2.1	4
139	How should we manage incidental meningiomas?. <i>Neuro-Oncology</i> , 2020 , 22, 173-174	1	0
138	Brain tumors and COVID-19: the patient and caregiver experience. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa104	0.9	8
137	Awake craniotomy for resection of supratentorial glioblastoma: a systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa111	0.9	4
136	Clinical value of methylation testing: a case report of intraventricular schwannomas with associated molecular findings. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa029	0.9	1
135	How to live with a meningioma: experiences, symptoms, and challenges reported by patients. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa086	0.9	1
134	Current Results of Surgical Treatment of Craniopharyngiomas: The Impact of Endoscopic Endonasal Approaches. <i>World Neurosurgery</i> , 2020 , 142, 582-592	2.1	5
133	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	4.9	4
132	Quality of life in patients with neurofibromatosis type 1 and 2 in Canada. <i>Neuro-Oncology Advances</i> , 2020 , 2, i141-i149	0.9	7
131	Molecular and Clinical Insights into the Invasive Capacity of Glioblastoma Cells. <i>Journal of Oncology</i> , 2019 , 2019, 1740763	4.5	32
130	Recurrent Undifferentiated Carcinoma of the Sella in a Patient with Lynch Syndrome. <i>World Neurosurgery</i> , 2019 , 132, 219-222	2.1	2
129	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019 , 21, i18-i31	1	44
128	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	79

127 Peripheral Nerve Sheath Tumors **2019**, 703-714

126 Proteomic analysis of meningiomas reveals clinically distinct molecular patterns. *Neuro-Oncology*, **2019**, 21, 1028-1038 1 15

125 Needle in a haystack: identifying drivers of malignant transformation in neurofibromas. *Neuro-Oncology*, **2019**, 21, 961-962 1

124 A dural-based spindle cell neoplasm characterized by a novel MN1-KMT2A fusion gene. *Neuro-Oncology*, **2019**, 21, 1082-1083 1 1

123 CIC protein instability contributes to tumorigenesis in glioblastoma. *Nature Communications*, **2019**, 10, 661 17.4 39

122 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. *Pituitary*, **2019**, 22, 514-519 4.3 15

121 Pituitary Apoplexy: Results of Surgical and Conservative Management Clinical Series and Review of the Literature. *World Neurosurgery*, **2019**, 130, e988-e999 2.1 21

120 Comprehensive characterization of a Canadian cohort of von Hippel-Lindau disease patients. *Clinical Genetics*, **2019**, 96, 461-467 4 7

119 Epigenetic loss of RNA-methyltransferase NSUN5 in glioma targets ribosomes to drive a stress adaptive translational program. *Acta Neuropathologica*, **2019**, 138, 1053-1074 14.3 55

118 Hypoxia Can Induce Migration of Glioblastoma Cells Through a Methylation-Dependent Control of Gene Expression. *Frontiers in Oncology*, **2019**, 9, 1036 5.3 9

117 Evidence of small-fiber neuropathy in neurofibromatosis type 1. *Muscle and Nerve*, **2019**, 60, 673-678 3.4 5

116 Tuberculum sellae meningiomas: a systematic review of transcranial approaches in the endoscopic era. *Journal of Neurosurgical Sciences*, **2019**, 63, 200-215 1.3 7

115 Methylation profiling of EGFR mutant primary and metastatic lung cancer with brain metastasis. *Journal of Clinical Oncology*, **2019**, 37, e20574-e20574 2.2

114 Expanded Endonasal Endoscopic Surgery in Suprasellar Craniopharyngiomas: A Retrospective Analysis of 43 Surgeries Including Recurrent Cases. *Operative Neurosurgery*, **2019**, 17, 132-142 1.6 18

113 Tissue 2-Hydroxyglutarate as a Biomarker for Mutations in Gliomas. *Clinical Cancer Research*, **2019**, 25, 3366-3373 12.9 9

112 Longitudinal molecular trajectories of diffuse glioma in adults. *Nature*, **2019**, 576, 112-120 50.4 151

111 The central nervous system tumor methylation classifier changes neuro-oncology practice for challenging brain tumor diagnoses and directly impacts patient care. *Clinical Epigenetics*, **2019**, 11, 185 7.7 25

110 MGMT promoter methylation status testing to guide therapy for glioblastoma: refining the approach based on emerging evidence and current challenges. *Neuro-Oncology*, **2019**, 21, 167-178 1 92

109	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	33
108	Molecular and translational advances in meningiomas. <i>Neuro-Oncology</i> , 2019 , 21, i4-i17	1	46
107	Viral and other therapies for recurrent glioblastoma: is a 24-month durable response unusual?. <i>Neuro-Oncology</i> , 2019 , 21, 14-25	1	45
106	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	18
105	DNA hypermethylation within TERT promoter upregulates TERT expression in cancer. <i>Journal of Clinical Investigation</i> , 2019 , 129, 223-229	15.9	62
104	Extended Endoscopic Approach for Resection of Craniopharyngiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018 , 79, S201-S202	1.5	1
103	Management and Outcomes in the Oldest-Old Population with Glioblastoma. <i>Canadian Journal of Neurological Sciences</i> , 2018 , 45, 199-205	1	5
102	The multiforme of glioblastoma. <i>Neuro-Oncology</i> , 2018 , 20, 437-438	1	3
101	Management of peripheral nerve sheath tumors: 17 years of experience at Toronto Western Hospital. <i>Journal of Neurosurgery</i> , 2018 , 128, 1226-1234	3.2	37
100	Management of multiple meningiomas. <i>Journal of Neurosurgery</i> , 2018 , 128, 1403-1409	3.2	21
99	Dendritic cell vaccines for high-grade gliomas. <i>Therapeutics and Clinical Risk Management</i> , 2018 , 14, 1299-1313	13	23
98	GENE-09. FUNCTIONAL GENOMIC ELEMENTS DEFINED BY DNA METHYLATION CAN DISTINGUISH MENINGIOMA SUBGROUPS. <i>Neuro-Oncology</i> , 2018 , 20, vi104-vi104	1	78
97	GENE-26. MOLECULAR CHARACTERIZATION OF BENIGN AND MALIGNANT PERIPHERAL NERVE SHEATH TUMORS THAT OCCUR IN SPORADIC AND SYNDROMIC SETTINGS. <i>Neuro-Oncology</i> , 2018 , 20, vi108-vi109	1	78
96	Integrating Genomics Into Neuro-Oncology Clinical Trials and Practice. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2018 , 38, 148-157	7.1	2
95	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	16
94	TMIC-07. HYPOXIC MICROENVIRONMENT CONFERS SPECIFIC ALTERATIONS IN DNA METHYLATION PROFILES IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi257-vi257	1	78
93	CADD-49. IDENTIFICATION AND VALIDATION OF AZOLES AS HK2 INHIBITORS IN GLIOBLASTOMA IN VITRO AND IN VIVO. <i>Neuro-Oncology</i> , 2018 , 20, vi282-vi282	1	78
92	PATH-25. SURVIVAL STRATIFICATION OF IDH MUTANT GLIOMA USING METHYLATION AND mRNA ANALYSIS OF HOX GENES. <i>Neuro-Oncology</i> , 2018 , 20, vi163-vi164	1	78

91	RBTT-04. DOES EXERCISE IMPROVE PROGRESSION FREE SURVIVAL AND QUALITY OF LIFE IN PATIENTS WITH GLIOBLASTOMA? A TRIAL IN PROGRESS. <i>Neuro-Oncology</i> , 2018 , 20, vi234-vi235	1	78
90	RTHP-07. TRANSCRIPTION FACTOR NETWORKS OF OLIGODENDROGLIOMAS (IDH-MUTANT AND 1p/19q CODELETED) TREATED WITH ADJUVANT RADIOTHERAPY OR OBSERVATION INFORMS PROGNOSIS. <i>Neuro-Oncology</i> , 2018 , 20, vi226-vi226	1	78
89	GENE-18. DIVERGENT CLONAL EVOLUTION OF MELANOMA BRAIN METASTASES DURING TREATMENT WITH IMMUNOTHERAPY. <i>Neuro-Oncology</i> , 2018 , 20, vi106-vi107	1	78
88	TMOD-02. DIFFUSE GLIOMATOSIS IN MOUSE MODEL OF GFAP TISSUE SPECIFIC KNOCK IN OF EGFRvIII AND KNOCK OUT OF p19 ARF. <i>Neuro-Oncology</i> , 2018 , 20, vi268-vi268	1	78
87	MNGI-12. EXPRESSION OF PROGRAMMED CELL DEATH LIGAND-1 (PD-L1) IN MENINGIOMA: CLINICAL UTILITY FOR PREDICTION OF TUMOR RECURRENCE AND ASSOCIATION WITH HYPOXIC RESPONSE AND NFKB2 ACTIVATION. <i>Neuro-Oncology</i> , 2018 , 20, vi150-vi151	1	78
86	MNGI-05. DEVELOPMENT AND VALIDATION OF A DNA METHYLOME-BASED PREDICTOR OF MENINGIOMA RECURRENCE AND MENINGIOMA RECURRENCE SCORE. <i>Neuro-Oncology</i> , 2018 , 20, vi148-vi149	1	78
85	GENE-08. SCHWANNOMATOSIS SCHWANNOMAS HARBOR DISTINCT DNA METHYLATION PROFILES. <i>Neuro-Oncology</i> , 2018 , 20, vi104-vi104	1	78
84	CBMT-06. LOWER GRADE ISOCITRATE DEHYDROGENASE (IDH) MUTANT GLIOMAS METABOLICALLY MIMICKING GLIOBLASTOMA (GBM) EXPRESS HIGHER R:S 2-HYDROXYGLUTARATE RATIOS RELATIVE TO NON-GBM-MIMICKING IDH MUTANT GLIOMAS. <i>Neuro-Oncology</i> , 2018 , 20, vi83-vi83	1	78
83	GENE-05. UPREGULATION OF ODZ1-MEDIATED INVASION IN THE HYPOXIC TUMOR MICROENVIRONMENT IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi103-vi103	1	78
82	TMIC-17. IMMUNE MICROENVIRONMENT OF NF2-ALTERED RADIATION-INDUCED MENINGIOMAS. <i>Neuro-Oncology</i> , 2018 , 20, vi259-vi259	1	1
81	Endoscopic management of Esthesioneuroblastoma: Our experience and review of the literature. <i>Journal of Clinical Neuroscience</i> , 2018 , 58, 117-123	2.2	7
80	Global epigenetic profiling identifies methylation subgroups associated with recurrence-free survival in meningioma. <i>Acta Neuropathologica</i> , 2017 , 133, 431-444	14.3	78
79	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	11
78	One and a half syndrome following penetrating head injury: Case report. <i>Journal of Clinical Neuroscience</i> , 2017 , 41, 88-90	2.2	3
77	Preferences and Utilities for Health States after Treatment of Olfactory Groove Meningioma: Endoscopic versus Open. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, 315-323	1.5	3
76	Meningiomas induced by low-dose radiation carry structural variants of NF2 and a distinct mutational signature. <i>Acta Neuropathologica</i> , 2017 , 134, 155-158	14.3	19
75	Citation classics in neuro-oncology: assessment of historical trends and scientific progress. <i>Neuro-Oncology</i> , 2017 , 19, 1158-1172	1	16
74	Prognostic significance of preoperative neutrophilia on recurrence-free survival in meningioma. <i>Neuro-Oncology</i> , 2017 , 19, 1503-1510	1	7

73	PET imaging in patients with meningioma-report of the RANO/PET Group. <i>Neuro-Oncology</i> , 2017 , 19, 1576-1587	1	97
72	National Perspectives on the Training of Neurosurgery Residents in Stereotactic Radiosurgery. <i>Canadian Journal of Neurological Sciences</i> , 2017 , 44, 51-58	1	8
71	Atypical meningioma-is it time to standardize surgical sampling techniques?. <i>Neuro-Oncology</i> , 2017 , 19, 453-454	1	11
70	Molecular Signatures for Tumor Classification: An Analysis of The Cancer Genome Atlas Data. <i>Journal of Molecular Diagnostics</i> , 2017 , 19, 881-891	5.1	13
69	Therapeutic radiation for childhood cancer drives structural aberrations of NF2 in meningiomas. <i>Nature Communications</i> , 2017 , 8, 186	17.4	45
68	Precision histology: how deep learning is poised to revitalize histomorphology for personalized cancer care. <i>Npj Precision Oncology</i> , 2017 , 1, 22	9.8	91
67	TFE3-Expressing Perivascular Epithelioid Cell Neoplasm (PEComa) of the Sella Turcica. <i>Endocrine Pathology</i> , 2017 , 28, 22-26	4.2	7
66	Current Management of Brain Metastases: Overview and Teaching Cases 2017 ,		1
65	Quantitative comparison of cranial approaches in the anatomy laboratory: A neuronavigation based research method. <i>World Journal of Methodology</i> , 2017 , 7, 139-147	1.2	11
64	Quantification and Comparison of Neurosurgical Approaches in the Anatomy Laboratory: Description and Validation of a Novel, Navigation-based Method. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156	1.5	
63	Predictive Factors for Recurrence Following Endoscopic Treatment of Cushing's Disease. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, S1-S156	1.5	
62	Integrating molecular markers into the World Health Organization classification of CNS tumors: a survey of the neuro-oncology community. <i>Neuro-Oncology</i> , 2017 , 19, 336-344	1	15
61	Metabolic reprogramming in glioblastoma: the influence of cancer metabolism on epigenetics and unanswered questions. <i>Neuro-Oncology</i> , 2016 , 18, 160-72	1	142
60	Role of mTOR Inhibitors in Growth Hormone-Producing Pituitary Adenomas Harboring Different FGFR4 Genotypes. <i>Endocrinology</i> , 2016 , 157, 3577-87	4.8	7
59	MNGO-18. MANAGEMENT OF MULTIPLE MENINGIOMAS. <i>Neuro-Oncology</i> , 2016 , 18, vi105-vi105	1	
58	PINK1 Is a Negative Regulator of Growth and the Warburg Effect in Glioblastoma. <i>Cancer Research</i> , 2016 , 76, 4708-19	10.1	80
57	Bringing IDH into the Fold. <i>Cancer Cell</i> , 2016 , 29, 139-40	24.3	2
56	Neurosurgical management of adult diffuse low grade gliomas in Canada: a multi-center survey. <i>Journal of Neuro-Oncology</i> , 2016 , 126, 137-149	4.8	13

55	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, 131-42	9.8	86
54	DICER governs characteristics of glioma stem cells and the resulting tumors in xenograft mouse models of glioblastoma. <i>Oncotarget</i> , 2016 , 7, 56431-56446	3.3	3
53	Targeting hexokinase 2 enhances response to radio-chemotherapy in glioblastoma. <i>Oncotarget</i> , 2016 , 7, 69518-69535	3.3	40
52	GENT-37. THE GENETICS DRIVING RADIATION INDUCED MENINGIOMAS. <i>Neuro-Oncology</i> , 2016 , 18, vi82-vi82		
51	Management and outcome of recurrent adult craniopharyngiomas: an analysis of 42 cases with long-term follow-up. <i>Neurosurgical Focus</i> , 2016 , 41, E11	4.2	19
50	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, 214-20	4	25
49	The genomic landscape of schwannoma. <i>Nature Genetics</i> , 2016 , 48, 1339-1348	36.3	74
48	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	4.2	46
47	High-definition fiber tractography for the evaluation of perilesional white matter tracts in high-grade glioma surgery. <i>Neuro-Oncology</i> , 2015 , 17, 1199-209	1	40
46	Endoscopic Endonasal Repair of Spontaneous and Traumatic Cerebrospinal Fluid Rhinorrhea: A Review and Local Experience. <i>Neurosurgery Clinics of North America</i> , 2015 , 26, 333-48	4	8
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