

Gelareh Zadeh

List of Publications by Citations

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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 | 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 |
| 197 | Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019 , 576, 112-120 | 50.4 | 151 |
| 196 | Metabolic reprogramming in glioblastoma: the influence of cancer metabolism on epigenetics and unanswered questions. <i>Neuro-Oncology</i> , 2016 , 18, 160-72 | 1 | 142 |
| 195 | The diagnosis and treatment of pseudoprogression, radiation necrosis and brain tumor recurrence. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 11832-46 | 6.3 | 133 |
| 194 | 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, 1360-9 | 3.2 | 119 |
| 193 | Inhibition of SHP2-mediated dephosphorylation of Ras suppresses oncogenesis. <i>Nature Communications</i> , 2015 , 6, 8859 | 17.4 | 112 |
| 192 | GBM@ multifaceted landscape: highlighting regional and microenvironmental heterogeneity. <i>Neuro-Oncology</i> , 2014 , 16, 1167-75 | 1 | 99 |
| 191 | PET imaging in patients with meningioma-report of the RANO/PET Group. <i>Neuro-Oncology</i> , 2017 , 19, 1576-1587 | 1 | 97 |
| 190 | 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 | 92 |
| 189 | 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 |
| 188 | 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 |
| 187 | PINK1 Is a Negative Regulator of Growth and the Warburg Effect in Glioblastoma. <i>Cancer Research</i> , 2016 , 76, 4708-19 | 10.1 | 80 |
| 186 | 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 |
| 185 | Global epigenetic profiling identifies methylation subgroups associated with recurrence-free survival in meningioma. <i>Acta Neuropathologica</i> , 2017 , 133, 431-444 | 14.3 | 78 |
| 184 | IMCT-04TOCA 5: PHASE 2/3 RANDOMIZED, OPEN-LABEL STUDY OF TOCA 511 WITH TOCA FC VERSUS STANDARD OF CARE IN PATIENTS UNDERGOING PLANNED RESECTION FOR RECURRENT HIGH GRADE GLIOMA (NCT02414165). <i>Neuro-Oncology</i> , 2015 , 17, v107.4-v108 | 1 | 78 |
| 183 | AI-02HYPOXIA AS A MEASURE OF FUNCTIONAL STATUS OF GLIOBLASTOMA VASCULATURE. <i>Neuro-Oncology</i> , 2014 , 16, v1-v1 | 1 | 78 |
| 182 | GENE-09. FUNCTIONAL GENOMIC ELEMENTS DEFINED BY DNA METHYLATION CAN DISTINGUISH MENINGIOMA SUBGROUPS. <i>Neuro-Oncology</i> , 2018 , 20, vi104-vi104 | 1 | 78 |

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| 181 | 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 |
| 180 | TMIC-07. HYPOXIC MICROENVIRONMENT CONFERS SPECIFIC ALTERATIONS IN DNA METHYLATION PROFILES IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi257-vi257 | 1 | 78 |
| 179 | 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 |
| 178 | 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 |
| 177 | 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 |
| 176 | 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 |
| 175 | GENE-18. DIVERGENT CLONAL EVOLUTION OF MELANOMA BRAIN METASTASES DURING TREATMENT WITH IMMUNOTHERAPY. <i>Neuro-Oncology</i> , 2018 , 20, vi106-vi107 | 1 | 78 |
| 174 | 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 |
| 173 | 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 |
| 172 | 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 |
| 171 | GENE-08. SCHWANNOMATOSIS SCHWANNOMAS HARBOR DISTINCT DNA METHYLATION PROFILES. <i>Neuro-Oncology</i> , 2018 , 20, vi104-vi104 | 1 | 78 |
| 170 | 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, vi133-vi133 | 1 | 78 |
| 169 | GENE-05. UPREGULATION OF ODZ1-MEDIATED INVASION IN THE HYPOXIC TUMOR MICROENVIRONMENT IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi103-vi103 | 1 | 78 |
| 168 | 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 |
| 167 | Detection and discrimination of intracranial tumors using plasma cell-free DNA methylomes. <i>Nature Medicine</i> , 2020 , 26, 1044-1047 | 50.5 | 76 |
| 166 | Image-guided, intensity-modulated radiation therapy (IG-IMRT) for skull base chordoma and chondrosarcoma: preliminary outcomes. <i>Neuro-Oncology</i> , 2015 , 17, 889-94 | 1 | 75 |
| 165 | The genomic landscape of schwannoma. <i>Nature Genetics</i> , 2016 , 48, 1339-1348 | 36.3 | 74 |
| 164 | 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, 1075-87 | 6 | 64 |

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| 163 | DNA hypermethylation within TERT promoter upregulates TERT expression in cancer. <i>Journal of Clinical Investigation</i> , 2019 , 129, 223-229 | 15.9 | 62 |
| 162 | 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 | 11.5 | 59 |
| 161 | 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 |
| 160 | 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 | 14.3 | 55 |
| 159 | Angiogenesis in nervous system disorders. <i>Neurosurgery</i> , 2003 , 53, 1362-74; discussion 1374-6 | 3.2 | 54 |
| 158 | Clinical features of silent corticotroph adenomas. <i>Acta Neurochirurgica</i> , 2012 , 154, 1493-8 | 3 | 49 |
| 157 | Targeting the Tie2/Tek receptor in astrocytomas. <i>American Journal of Pathology</i> , 2004 , 164, 467-76 | 5.8 | 47 |
| 156 | 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 |
| 155 | Molecular and translational advances in meningiomas. <i>Neuro-Oncology</i> , 2019 , 21, i4-i17 | 1 | 46 |
| 154 | Therapeutic radiation for childhood cancer drives structural aberrations of NF2 in meningiomas. <i>Nature Communications</i> , 2017 , 8, 186 | 17.4 | 45 |
| 153 | Viral and other therapies for recurrent glioblastoma: is a 24-month durable response unusual?. <i>Neuro-Oncology</i> , 2019 , 21, 14-25 | 1 | 45 |
| 152 | Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019 , 21, i18-i31 | 1 | 44 |
| 151 | ATM regulates 3-methylpurine-DNA glycosylase and promotes therapeutic resistance to alkylating agents. <i>Cancer Discovery</i> , 2014 , 4, 1198-213 | 24.4 | 43 |
| 150 | High-resolution in-vivo analysis of normal brain response to cranial irradiation. <i>PLoS ONE</i> , 2012 , 7, e38366 | 7 | 42 |
| 149 | Salvage radiosurgery for brain metastases: prognostic factors to consider in patient selection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 88, 137-42 | 4 | 41 |
| 148 | Postoperative Copeptin Concentration Predicts Diabetes Insipidus After Pituitary Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 2275-82 | 5.6 | 41 |
| 147 | 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 |
| 146 | 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, 1733-41 | 2.2 | 40 |

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| 145 | Targeting hexokinase 2 enhances response to radio-chemotherapy in glioblastoma. <i>Oncotarget</i> , 2016 , 7, 69518-69535 | 3.3 | 40 |
| 144 | CIC protein instability contributes to tumorigenesis in glioblastoma. <i>Nature Communications</i> , 2019 , 10, 661 | 17.4 | 39 |
| 143 | MRI biomarkers identify the differential response of glioblastoma multiforme to anti-angiogenic therapy. <i>Neuro-Oncology</i> , 2014 , 16, 868-79 | 1 | 39 |
| 142 | EGFR and EGFRvIII in glioblastoma: partners in crime. <i>Cancer Cell</i> , 2013 , 24, 403-4 | 24.3 | 38 |
| 141 | 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 |
| 140 | Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype. <i>Clinical Cancer Research</i> , 2015 , 21, 3750-8 | 12.9 | 35 |
| 139 | Transcriptional profiling of GBM invasion genes identifies effective inhibitors of the LIM kinase-Cofilin pathway. <i>Oncotarget</i> , 2014 , 5, 9382-95 | 3.3 | 33 |
| 138 | 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 |
| 137 | Molecular and Clinical Insights into the Invasive Capacity of Glioblastoma Cells. <i>Journal of Oncology</i> , 2019 , 2019, 1740763 | 4.5 | 32 |
| 136 | Growth patterns of pituitary adenomas and histopathological correlates. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 1330-8 | 5.6 | 31 |
| 135 | Pure endoscopic expanded endonasal approach for olfactory groove and tuberculum sellae meningiomas. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 927-33 | 2.2 | 31 |
| 134 | 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, 805-12 | 4 | 27 |
| 133 | Role of Ang1 and its interaction with VEGF-A in astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004 , 63, 978-89 | 3.1 | 26 |
| 132 | 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 |
| 131 | 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 | 7.7 | 25 |
| 130 | A clinically applicable integrative molecular classification of meningiomas. <i>Nature</i> , 2021 , 597, 119-125 | 50.4 | 25 |
| 129 | Dendritic cell vaccines for high-grade gliomas. <i>Therapeutics and Clinical Risk Management</i> , 2018 , 14, 1299-1313 | 2.13 | 23 |
| 128 | Neovascularization in human astrocytomas: expression and functional role of angiopoietins and their cognate receptors. <i>Frontiers in Bioscience - Landmark</i> , 2003 , 8, e128-37 | 2.8 | 22 |

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| 127 | Management of multiple meningiomas. <i>Journal of Neurosurgery</i> , 2018 , 128, 1403-1409 | 3.2 | 21 |
| 126 | Pituitary Apoplexy: Results of Surgical and Conservative Management Clinical Series and Review of the Literature. <i>World Neurosurgery</i> , 2019 , 130, e988-e999 | 2.1 | 21 |
| 125 | VEGF regulates region-specific localization of perivascular bone marrow-derived cells in glioblastoma. <i>Cancer Research</i> , 2014 , 74, 3727-39 | 10.1 | 20 |
| 124 | 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 |
| 123 | From craniofacial resection to endonasal endoscopic removal of malignant tumors of the anterior skull base. <i>World Neurosurgery</i> , 2014 , 82, S59-65 | 2.1 | 19 |
| 122 | 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 |
| 121 | Proteins involved in regulating bone invasion in skull base meningiomas. <i>Acta Neurochirurgica</i> , 2013 , 155, 421-7 | 3 | 18 |
| 120 | Regulation of the pathological vasculature of malignant astrocytomas by angiopoietin-1. <i>Neoplasia</i> , 2005 , 7, 1081-90 | 6.4 | 18 |
| 119 | Expanded Endonasal Endoscopic Surgery in Suprasellar Craniopharyngiomas: A Retrospective Analysis of 43 Surgeries Including Recurrent Cases. <i>Operative Neurosurgery</i> , 2019 , 17, 132-142 | 1.6 | 18 |
| 118 | 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 |
| 117 | Serum lactate as a potential biomarker of malignancy in primary adult brain tumours. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 144-8 | 2.2 | 17 |
| 116 | Radiation induced peripheral nerve tumors: case series and review of the literature. <i>Journal of Neuro-Oncology</i> , 2007 , 83, 205-12 | 4.8 | 17 |
| 115 | Citation classics in neuro-oncology: assessment of historical trends and scientific progress. <i>Neuro-Oncology</i> , 2017 , 19, 1158-1172 | 1 | 16 |
| 114 | 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 |
| 113 | Proteomic analysis of meningiomas reveals clinically distinct molecular patterns. <i>Neuro-Oncology</i> , 2019 , 21, 1028-1038 | 1 | 15 |
| 112 | Predictors of response to Gamma Knife radiosurgery for intracranial meningiomas. <i>Journal of Neurosurgery</i> , 2015 , 123, 1294-300 | 3.2 | 15 |
| 111 | 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 | 4.3 | 15 |
| 110 | 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 |

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| 109 | Serum lactate as a potential biomarker of non-gliial brain tumors. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 1625-7 | 2.2 | 14 |
| 108 | COVID-19 Testing in Patients with Cancer: Does One Size Fit All?. <i>Clinical Cancer Research</i> , 2020 , 26, 4737-4742 | 14.9 | 14 |
| 107 | Clinical impact of combined epigenetic and molecular analysis of pediatric low-grade gliomas. <i>Neuro-Oncology</i> , 2020 , 22, 1474-1483 | 1 | 14 |
| 106 | Role of angiopoietin-2 in regulating growth and vascularity of astrocytomas. <i>Journal of Oncology</i> , 2010 , 2010, 659231 | 4.5 | 14 |
| 105 | A microRNA Link to Glioblastoma Heterogeneity. <i>Cancers</i> , 2012 , 4, 846-72 | 6.6 | 14 |
| 104 | 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 |
| 103 | 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 |
| 102 | Localized intraoperative virtual endoscopy (LIVE) for surgical guidance in 16 skull base patients. <i>Otolaryngology - Head and Neck Surgery</i> , 2015 , 152, 165-71 | 5.5 | 12 |
| 101 | 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 |
| 100 | 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 |
| 99 | Atypical meningioma-is it time to standardize surgical sampling techniques?. <i>Neuro-Oncology</i> , 2017 , 19, 453-454 | 1 | 11 |
| 98 | 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 |
| 97 | Epigenomic, genomic, and transcriptomic landscape of schwannomatosis. <i>Acta Neuropathologica</i> , 2021 , 141, 101-116 | 14.3 | 11 |
| 96 | 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 |
| 95 | Molecular regulators of angiogenesis in the developing nervous system and adult brain tumors (review). <i>International Journal of Oncology</i> , 2003 , 23, 557-65 | 1 | 10 |
| 94 | Hypoxia Can Induce Migration of Glioblastoma Cells Through a Methylation-Dependent Control of Gene Expression. <i>Frontiers in Oncology</i> , 2019 , 9, 1036 | 5.3 | 9 |
| 93 | A role for matrix remodelling proteins in invasive and malignant meningiomas. <i>Neuropathology and Applied Neurobiology</i> , 2015 , 41, e16-28 | 5.2 | 9 |
| 92 | Tissue 2-Hydroxyglutarate as a Biomarker for Mutations in Gliomas. <i>Clinical Cancer Research</i> , 2019 , 25, 3366-3373 | 12.9 | 9 |

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| 91 | National Perspectives on the Training of Neurosurgery Residents in Stereotactic Radiosurgery. <i>Canadian Journal of Neurological Sciences</i> , 2017 , 44, 51-58 | 1 | 8 |
| 90 | 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 |
| 89 | Minimalist approaches to cancer tissue-of-origin classification by DNA methylation. <i>Modern Pathology</i> , 2020 , 33, 1874-1888 | 9.8 | 8 |
| 88 | Brain tumors and COVID-19: the patient and caregiver experience. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa104 | 0.9 | 8 |
| 87 | Prognostic significance of preoperative neutrophilia on recurrence-free survival in meningioma. <i>Neuro-Oncology</i> , 2017 , 19, 1503-1510 | 1 | 7 |
| 86 | Role of mTOR Inhibitors in Growth Hormone-Producing Pituitary Adenomas Harboring Different FGFR4 Genotypes. <i>Endocrinology</i> , 2016 , 157, 3577-87 | 4.8 | 7 |
| 85 | Comprehensive characterization of a Canadian cohort of von Hippel-Lindau disease patients. <i>Clinical Genetics</i> , 2019 , 96, 461-467 | 4 | 7 |
| 84 | TFE3-Expressing Perivascular Epithelioid Cell Neoplasm (PEComa) of the Sella Turcica. <i>Endocrine Pathology</i> , 2017 , 28, 22-26 | 4.2 | 7 |
| 83 | Tuberculum sellae meningiomas: a systematic review of transcranial approaches in the endoscopic era. <i>Journal of Neurosurgical Sciences</i> , 2019 , 63, 200-215 | 1.3 | 7 |
| 82 | 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 |
| 81 | The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021 , 12, 1749 | 17.4 | 7 |
| 80 | TNF α 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 |
| 79 | Loss of H3K27me3 in meningiomas. <i>Neuro-Oncology</i> , 2021 , 23, 1282-1291 | 1 | 7 |
| 78 | Endoscopic management of Esthesioneuroblastoma: Our experience and review of the literature. <i>Journal of Clinical Neuroscience</i> , 2018 , 58, 117-123 | 2.2 | 7 |
| 77 | A Molecularly Integrated Grade for Meningioma. <i>Neuro-Oncology</i> , 2021 , | 1 | 7 |
| 76 | 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 |
| 75 | Management and Outcomes in the Oldest-Old Population with Glioblastoma. <i>Canadian Journal of Neurological Sciences</i> , 2018 , 45, 199-205 | 1 | 5 |
| 74 | Evidence of small-fiber neuropathy in neurofibromatosis type 1. <i>Muscle and Nerve</i> , 2019 , 60, 673-678 | 3.4 | 5 |

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| 73 | Identifying predictors of early growth response and adverse radiation effects of vestibular schwannomas to radiosurgery. <i>PLoS ONE</i> , 2014 , 9, e110823 | 3.7 | 5 |
| 72 | 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 |
| 71 | 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 |
| 70 | Current Results of Surgical Treatment of Craniopharyngiomas: The Impact of Endoscopic Endonasal Approaches. <i>World Neurosurgery</i> , 2020 , 142, 582-592 | 2.1 | 5 |
| 69 | 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 |
| 68 | A preclinical study demonstrating the efficacy of nilotinib in inhibiting the growth of pediatric high-grade glioma. <i>Journal of Neuro-Oncology</i> , 2015 , 122, 471-80 | 4.8 | 4 |
| 67 | The evolving role of radiosurgery in the management of radiation-induced meningiomas: a review of current advances and future directions. <i>BioMed Research International</i> , 2014 , 2014, 107526 | 3 | 4 |
| 66 | Diagnostic implications of histological analysis of neurosurgical aspirate in addition to routine resections. <i>Neuropathology</i> , 2012 , 32, 44-50 | 2 | 4 |
| 65 | 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 Suppl 1, e271-4 | 1.1 | 4 |
| 64 | 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 |
| 63 | Reinitiation of Anticoagulation After Surgical Evacuation of Subdural Hematomas. <i>World Neurosurgery</i> , 2020 , 135, e616-e622 | 2.1 | 4 |
| 62 | Awake craniotomy for resection of supratentorial glioblastoma: a systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa111 | 0.9 | 4 |
| 61 | 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 |
| 60 | Liquid Biomarkers for Improved Diagnosis and Classification of CNS Tumors. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 4 |
| 59 | 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 |
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