

Aditya Raghunathan

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

8,745
citations

361413
20
h-index

66911
78
g-index

83
all docs

83
docs citations

83
times ranked

14127
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The Somatic Genomic Landscape of Glioblastoma. <i>Cell</i> , 2013, 155, 462-477. | 28.9 | 3,979 |
| 2 | Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015, 372, 2481-2498. | 27.0 | 2,582 |
| 3 | Mesenchymal Differentiation Mediated by NF- κ B Promotes Radiation Resistance in Glioblastoma. <i>Cancer Cell</i> , 2013, 24, 331-346. | 16.8 | 856 |
| 4 | A prognostic gene expression signature in infratentorial ependymoma. <i>Acta Neuropathologica</i> , 2012, 123, 727-738. | 7.7 | 148 |
| 5 | Raman spectroscopy to distinguish grey matter, necrosis, and glioblastoma multiforme in frozen tissue sections. <i>Journal of Neuro-Oncology</i> , 2014, 116, 477-485. | 2.9 | 125 |
| 6 | ALK-positive \hat{A} histiocytosis: a new clinicopathologic spectrum highlighting neurologic involvement and responses to ALK inhibition. <i>Blood</i> , 2022, 139, 256-280. | 1.4 | 60 |
| 7 | Revisiting Adjuvant Radiotherapy After Gross Total Resection of World Health Organization Grade II Meningioma. <i>World Neurosurgery</i> , 2017, 103, 655-663. | 1.3 | 55 |
| 8 | Histological Predictors of Outcome in Ependymoma are Dependent on Anatomic Site Within the Central Nervous System. <i>Brain Pathology</i> , 2013, 23, 584-594. | 4.1 | 53 |
| 9 | Identification of regions of normal grey matter and white matter from pathologic glioblastoma and necrosis in frozen sections using Raman imaging. <i>Journal of Neuro-Oncology</i> , 2015, 125, 287-295. | 2.9 | 52 |
| 10 | Spinal Cord Ependymomas With MYCN Amplification Show Aggressive Clinical Behavior. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 791-797. | 1.7 | 50 |
| 11 | Raman molecular imaging of brain frozen tissue sections. <i>Journal of Neuro-Oncology</i> , 2014, 120, 55-62. | 2.9 | 47 |
| 12 | Spinal cord high-grade infiltrating gliomas in adults: clinico-pathological and molecular evaluation. <i>Modern Pathology</i> , 2019, 32, 1236-1243. | 5.5 | 44 |
| 13 | Malignant peripheral nerve sheath tumors of the eighth cranial nerve arising without prior irradiation. <i>Journal of Neurosurgery</i> , 2016, 125, 1120-1129. | 1.6 | 35 |
| 14 | Clinically significant intratumoral hemorrhage in patients with vestibular schwannoma. <i>Laryngoscope</i> , 2017, 127, 1420-1426. | 2.0 | 31 |
| 15 | Atypical teratoid rhabdoid tumor: molecular insights and translation to novel therapeutics. <i>Journal of Neuro-Oncology</i> , 2020, 150, 47-56. | 2.9 | 30 |
| 16 | Current Murine Models and New Developments in H3K27M Diffuse Midline Gliomas. <i>Frontiers in Oncology</i> , 2019, 9, 92. | 2.8 | 27 |
| 17 | Teflon granulomas mimicking cerebellopontine angle tumors following microvascular decompression. <i>Laryngoscope</i> , 2017, 127, 715-719. | 2.0 | 24 |
| 18 | Subependymal giant cell astrocytoma-like astrocytoma: a neoplasm with a distinct phenotype and frequent neurofibromatosis type-1-association. <i>Modern Pathology</i> , 2018, 31, 1787-1800. | 5.5 | 24 |

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|----|--|-----|-----------|
| 19 | H3K27 trimethylation loss in malignant peripheral nerve sheath tumor: a systematic review and meta-analysis with diagnostic implications. <i>Journal of Neuro-Oncology</i> , 2019, 144, 433-443. | 2.9 | 24 |
| 20 | Evaluation of a Real-Time PCR Assay for the Detection of the <i>Klebsiella pneumoniae</i> Carbapenemase Genes in Microbiological Samples in Comparison With the Modified Hodge Test. <i>American Journal of Clinical Pathology</i> , 2011, 135, 566-571. | 0.7 | 22 |
| 21 | Absence of IDH1-R132H mutation predicts rapid progression of nonenhancing diffuse glioma in older adults. <i>Annals of Diagnostic Pathology</i> , 2012, 16, 161-170. | 1.3 | 22 |
| 22 | Sellar Region Atypical Teratoid/Rhabdoid Tumors in Adults: Clinicopathological Characterization of Five Cases and Review of the Literature. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 1115-1121. | 1.7 | 21 |
| 23 | New insights into calcifying pseudoneoplasm of the neuraxis (CAPNON): a 20-year radiological-pathological study of 37 cases. <i>Histopathology</i> , 2020, 76, 1055-1069. | 2.9 | 21 |
| 24 | Lewy Body Disease is a Contributor to Logopenic Progressive Aphasia Phenotype. <i>Annals of Neurology</i> , 2021, 89, 520-533. | 5.3 | 21 |
| 25 | Predominance of M1 subtype among tumor-associated macrophages in phenotypically aggressive sporadic vestibular schwannoma. <i>Journal of Neurosurgery</i> , 2020, 133, 1637-1645. | 1.6 | 20 |
| 26 | Disease-free probability after the first primary ductal carcinoma in situ of the breast: a comparison between African-American and White-American women. <i>Breast Cancer Research and Treatment</i> , 2012, 131, 561-570. | 2.5 | 19 |
| 27 | Case-based review: atypical teratoid/rhabdoid tumor. <i>Neuro-Oncology Practice</i> , 2019, 6, 163-178. | 1.6 | 18 |
| 28 | Isocitrate dehydrogenase 1 R132H mutation is not detected in angiocentric glioma. <i>Annals of Diagnostic Pathology</i> , 2012, 16, 255-259. | 1.3 | 17 |
| 29 | Macrophage Density Predicts Facial Nerve Outcome and Tumor Growth after Subtotal Resection of Vestibular Schwannoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, 482-488. | 0.8 | 17 |
| 30 | Purkinje cell cytoplasmic antibody type I (anti-Yo): predictive of gastrointestinal adenocarcinomas in men. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 1116-1117. | 1.9 | 16 |
| 31 | Anaplastic meningioma: octreotide therapy for a case of recurrent and progressive intracranial disease. <i>Journal of Neurosurgery</i> , 2016, 124, 496-500. | 1.6 | 15 |
| 32 | Frequency of false-positive FISH 1p/19q codeletion in adult diffuse astrocytic gliomas. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa109. | 0.7 | 15 |
| 33 | Combined Infiltrating Astrocytoma/Pleomorphic Xanthoastrocytoma Harboring IDH1 R132H and BRAF V600E Mutations. <i>American Journal of Surgical Pathology</i> , 2016, 40, 279-284. | 3.7 | 14 |
| 34 | Supratentorial CAPNON associated with WHO grade II meningioma: A case report. <i>Neuropathology</i> , 2018, 38, 535-538. | 1.2 | 14 |
| 35 | Case-Based Review: newly diagnosed glioblastoma. <i>Neuro-Oncology Practice</i> , 2015, 2, 106-121. | 1.6 | 13 |
| 36 | Diffuse Gliomas of the Brainstem and Cerebellum in Adults Show Molecular Heterogeneity. <i>American Journal of Surgical Pathology</i> , 2021, 45, 1082-1090. | 3.7 | 12 |

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|----|--|-----|-----------|
| 37 | Gliosarcoma with Primary Skull Base Invasion. <i>Case Reports in Radiology</i> , 2016, 2016, 1-6. | 0.3 | 11 |
| 38 | Trochlear Schwannoma Presenting with Isolated Trigeminal Neuralgia. <i>World Neurosurgery</i> , 2017, 103, 951.e13-951.e20. | 1.3 | 11 |
| 39 | Secondary renal neoplasia following chemotherapy or radiation in pediatric patients. <i>Human Pathology</i> , 2020, 103, 1-13. | 2.0 | 10 |
| 40 | Glioblastoma Recurrence Versus Treatment Effect in a Pathology-Documented Series. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 525-530. | 0.5 | 10 |
| 41 | Extensive perineural spread of an intrapelvic sciatic malignant peripheral nerve sheath tumor: a case report. <i>Acta Neurochirurgica</i> , 2018, 160, 1833-1836. | 1.7 | 9 |
| 42 | Intracranial cellular schwannomas: a clinicopathological study of 20 cases. <i>Histopathology</i> , 2020, 76, 275-282. | 2.9 | 9 |
| 43 | SeekFusion - A Clinically Validated Fusion Transcript Detection Pipeline for PCR-Based Next-Generation Sequencing of RNA. <i>Frontiers in Genetics</i> , 2021, 12, 739054. | 2.3 | 9 |
| 44 | Novel suprasellar location of desmoplastic infantile astrocytoma and ganglioglioma: a single institution's experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2018, 22, 397-403. | 1.3 | 8 |
| 45 | Confirming Diagnosis and Effective Treatment for Rare Epithelioid Glioblastoma Variant: An Integrated Survival Analysis of the Literature. <i>World Neurosurgery</i> , 2019, 131, 243-251.e2. | 1.3 | 8 |
| 46 | Concomitant 1p/19q co-deletion and IDH1/2, ATRX, and TP53 mutations within a single clone of "dual-genotype" IDH-mutant infiltrating gliomas. <i>Acta Neuropathologica</i> , 2020, 139, 1105-1107. | 7.7 | 8 |
| 47 | Textiloma resembling anaplastic progression of an isocitrate dehydrogenase 1 (IDH1) mutant, low grade glioma. <i>Journal of Neuro-Oncology</i> , 2013, 111, 377-379. | 2.9 | 6 |
| 48 | Temporal Lobe Gliosarcoma After Gamma Knife Radiosurgery for Vestibular Schwannoma. <i>Otology and Neurotology</i> , 2016, 37, 1143-1147. | 1.3 | 6 |
| 49 | Case-Based Review: meningioma. <i>Neuro-Oncology Practice</i> , 2016, 3, 120-134. | 1.6 | 6 |
| 50 | Rare Occurrence of an Intraocular Choroidal Solitary Fibrous Tumor/Hemangiopericytoma. <i>Ocular Oncology and Pathology</i> , 2018, 4, 213-219. | 1.0 | 6 |
| 51 | Apoplectic Silent Crooke Cell Adenoma with Adjacent Pseudoaneurysms: Causation or Bystander?. <i>World Neurosurgery</i> , 2019, 122, 480-484. | 1.3 | 6 |
| 52 | Ventricle-predominant primary CNS lymphomas: clinical, radiological and pathological evaluation of five cases and review of the literature. <i>Brain Tumor Pathology</i> , 2020, 37, 22-30. | 1.7 | 6 |
| 53 | Gonadotroph Pituitary Adenoma Causing Treatable Infertility and Ovarian Hyperstimulation Syndrome in Female Patients: Neurosurgical, Endocrinologic, Gynecologic, and Reproductive Outcomes. <i>World Neurosurgery</i> , 2021, 150, e162-e175. | 1.3 | 6 |
| 54 | Phase I trial of adjuvant mature autologous dendritic cell/allogeneic tumor lysate vaccines in combination with temozolomide in newly diagnosed glioblastoma. <i>Neuro-Oncology Advances</i> , 2022, 4, | 0.7 | 6 |

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|----|--|-----|-----------|
| 55 | Primary Intracranial Sarcomatoid Carcinoma Arising From a Recurrent/Residual Epidermoid Cyst of the Cerebellopontine Angle. <i>American Journal of Surgical Pathology</i> , 2011, 35, 1238-1243. | 3.7 | 5 |
| 56 | Histology of the distal dural ring. <i>Clinical Anatomy</i> , 2017, 30, 742-746. | 2.7 | 5 |
| 57 | Unique cause of right hemispheric syndrome: Embolism of myocardium after open septal myectomy. <i>Neuroradiology Journal</i> , 2016, 29, 110-114. | 1.2 | 4 |
| 58 | Giant Cell Ependymoma of Lateral Ventricle: Case Report, Literature Review, and Analysis of Prognostic Factors and Genetic Profile. <i>World Neurosurgery</i> , 2017, 108, 997.e9-997.e14. | 1.3 | 4 |
| 59 | Polyclonal lymphocytic infiltrate with arachnoiditis resulting from intrathecal stem cell transplantation. <i>Neuroradiology Journal</i> , 2020, 33, 174-178. | 1.2 | 4 |
| 60 | Posterior interosseous nerve intraneural ganglion cyst from the scapholunate joint. <i>Clinical Anatomy</i> , 2018, 31, 1218-1219. | 2.7 | 3 |
| 61 | A case of epidural glioblastoma metastasis presenting with a cervical myelopathy, torticollis, and Lâ€™hermitteâ€™s phenomenon. <i>Brain Tumor Pathology</i> , 2018, 35, 181-185. | 1.7 | 3 |
| 62 | Low-Grade Malignant Peripheral Nerve Sheath Tumor Mimicking Schwannoma: Role and Importance of Trimethylated H3K27M Staining. <i>World Neurosurgery</i> , 2018, 117, 178-181. | 1.3 | 3 |
| 63 | Subependymoma involving multiple spinal cord levels: A clinicopathological case series with chromosomal microarray analysis. <i>Neuropathology</i> , 2019, 39, 97-105. | 1.2 | 3 |
| 64 | Liver metastases from pituitary carcinomas mimicking visceral well-differentiated neuroendocrine tumors: a series of four cases. <i>Diagnostic Pathology</i> , 2020, 15, 81. | 2.0 | 3 |
| 65 | Parkinsonism as a late presentation of lymphomatosis cerebri following high-dose chemotherapy with autologous stem cell transplantation for primary central nervous system lymphoma. <i>Journal of Neurology</i> , 2020, 267, 2239-2244. | 3.6 | 3 |
| 66 | Cavernous Sinus Vascular Venous Malformation. <i>American Journal of Neuroradiology</i> , 2022, 43, 19-23. | 2.4 | 3 |
| 67 | Parkinson Disease. <i>Mayo Clinic Proceedings</i> , 2016, 91, e155-e156. | 3.0 | 2 |
| 68 | Disseminated High-grade Glioma in a Long-term Survivor of Medulloblastoma. <i>Neurologist</i> , 2018, 23, 191-193. | 0.7 | 2 |
| 69 | Expansile Traumatic Neuroma of the Intratemporal Facial Nerve. <i>Journal of Neurological Surgery Reports</i> , 2019, 80, e10-e13. | 0.6 | 2 |
| 70 | Prognostic Value of Isolated TERT Promoter Mutation in Grade 2 and 3 IDH-Wildtype Astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 885-886. | 1.7 | 2 |
| 71 | Chordoid glioma: a rare old foe but a new pathological and radiological presentation. <i>Clinical Imaging</i> , 2021, 78, 160-164. | 1.5 | 2 |
| 72 | Cytogenetics of spermatocytic tumors with a discussion of gain of chromosome 12p in anaplastic variants. <i>Human Pathology</i> , 2022, 124, 85-95. | 2.0 | 2 |

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|----|---|-----|-----------|
| 73 | Lesson of the month 1: Lobar pulmonary consolidation in an immunocompromised host. Clinical Medicine, 2016, 16, 595-598. | 1.9 | 1 |
| 74 | Anaplastic Ependymoma and Posterior Fossa Grouping in a Patient With H3K27ME3 Loss of Expression but Chromosomal Imbalance. Advances in Radiation Oncology, 2019, 4, 466-472. | 1.2 | 1 |
| 75 | Synchronous Development of Multicentric Malignant Peripheral Nerve Sheath Tumors: Institutional Review. World Neurosurgery, 2019, 124, e312-e314. | 1.3 | 1 |
| 76 | Diffuse Midline Gliomas without the H3 K27M Mutation: Surgical Biopsy is Needed to Better our Diagnostic Understanding. World Neurosurgery, 2020, 137, 472-473. | 1.3 | 1 |
| 77 | Precision Medicine in Pediatric Bithalamic Glioma: Significance of the EGFR exon 20 Insertion Mutation. World Neurosurgery, 2021, 149, 271-273. | 1.3 | 1 |
| 78 | An Unusual Case of EBV-Negative Primary CNS Lymphoma of Natural Killer/T-Cell Lineage. BMC Clinical Pathology, 2021, 14, 2632010X2110656. | 1.7 | 1 |
| 79 | Progressive Multifocal Leukoencephalopathy. Mayo Clinic Proceedings, 2018, 93, 123-125. | 3.0 | 0 |
| 80 | Resection of Massive Intra/Extra-ventricular Prepontine Colloid Cyst: 2-Dimensional Operative Video. Operative Neurosurgery, 2019, 18, E42. | 0.8 | 0 |
| 81 | Early Recurrence of an Infantile Endodermal Oculomotor Nerve Cyst following Surgical Fenestration: A Case Report. Pediatric Neurosurgery, 2021, 56, 157-162. | 0.7 | 0 |
| 82 | Non-canonical IDH Mutation Frequency in IDH1-R132H-Negative Glioblastoma Patients Older Than 54 Years. Journal of Neuropathology and Experimental Neurology, 2021, 80, 804-806. | 1.7 | 0 |
| 83 | Evaluating neurosurgical biopsies for CNS tumor diagnoses: An algorithmic and pattern based approach.. Indian Journal of Pathology and Microbiology, 2022, 65, S99-S110. | 0.2 | 0 |