

Aditya Raghunathan

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

8,745
citations

361045

20
h-index

66788

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.	13.5	3,979
2	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015, 372, 2481-2498.	13.9	2,582
3	Mesenchymal Differentiation Mediated by NF- κ B Promotes Radiation Resistance in Glioblastoma. <i>Cancer Cell</i> , 2013, 24, 331-346.	7.7	856
4	A prognostic gene expression signature in infratentorial ependymoma. <i>Acta Neuropathologica</i> , 2012, 123, 727-738.	3.9	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.	1.4	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.	0.6	60
7	Revisiting Adjuvant Radiotherapy After Gross Total Resection of World Health Organization Grade II Meningioma. <i>World Neurosurgery</i> , 2017, 103, 655-663.	0.7	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.	2.1	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.	1.4	52
10	Spinal Cord Ependymomas With MYCN Amplification Show Aggressive Clinical Behavior. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 791-797.	0.9	50
11	Raman molecular imaging of brain frozen tissue sections. <i>Journal of Neuro-Oncology</i> , 2014, 120, 55-62.	1.4	47
12	Spinal cord high-grade infiltrating gliomas in adults: clinico-pathological and molecular evaluation. <i>Modern Pathology</i> , 2019, 32, 1236-1243.	2.9	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.	0.9	35
14	Clinically significant intratumoral hemorrhage in patients with vestibular schwannoma. <i>Laryngoscope</i> , 2017, 127, 1420-1426.	1.1	31
15	Atypical teratoid rhabdoid tumor: molecular insights and translation to novel therapeutics. <i>Journal of Neuro-Oncology</i> , 2020, 150, 47-56.	1.4	30
16	Current Murine Models and New Developments in H3K27M Diffuse Midline Gliomas. <i>Frontiers in Oncology</i> , 2019, 9, 92.	1.3	27
17	Teflon granulomas mimicking cerebellopontine angle tumors following microvascular decompression. <i>Laryngoscope</i> , 2017, 127, 715-719.	1.1	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.	2.9	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.	1.4	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.	0.4	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.	0.6	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.	0.9	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.	1.6	21
24	Lewy Body Disease is a Contributor to Logopenic Progressive Aphasia Phenotype. <i>Annals of Neurology</i> , 2021, 89, 520-533.	2.8	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.	0.9	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.	1.1	19
27	Case-based review: atypical teratoid/rhabdoid tumor. <i>Neuro-Oncology Practice</i> , 2019, 6, 163-178.	1.0	18
28	Isocitrate dehydrogenase 1 R132H mutation is not detected in angiocentric glioma. <i>Annals of Diagnostic Pathology</i> , 2012, 16, 255-259.	0.6	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.	0.4	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.	0.9	16
31	Anaplastic meningioma: octreotide therapy for a case of recurrent and progressive intracranial disease. <i>Journal of Neurosurgery</i> , 2016, 124, 496-500.	0.9	15
32	Frequency of false-positive FISH 1p/19q codeletion in adult diffuse astrocytic gliomas. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa109.	0.4	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.	2.1	14
34	Supratentorial CAPNON associated with WHO grade II meningioma: A case report. <i>Neuropathology</i> , 2018, 38, 535-538.	0.7	14
35	Case-Based Review: newly diagnosed glioblastoma. <i>Neuro-Oncology Practice</i> , 2015, 2, 106-121.	1.0	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.	2.1	12

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37	Gliosarcoma with Primary Skull Base Invasion. <i>Case Reports in Radiology</i> , 2016, 2016, 1-6.	0.5	11
38	Trochlear Schwannoma Presenting with Isolated Trigeminal Neuralgia. <i>World Neurosurgery</i> , 2017, 103, 951.e13-951.e20.	0.7	11
39	Secondary renal neoplasia following chemotherapy or radiation in pediatric patients. <i>Human Pathology</i> , 2020, 103, 1-13.	1.1	10
40	Glioblastoma Recurrence Versus Treatment Effect in a Pathology-Documented Series. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 525-530.	0.3	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.	0.9	9
42	Intracranial cellular schwannomas: a clinicopathological study of 20 cases. <i>Histopathology</i> , 2020, 76, 275-282.	1.6	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.	1.1	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.	0.8	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.	0.7	8
46	Concomitant 1p/19q co-deletion and IDH1/2, ATRX, and TP53 mutations within a single clone of "ædual-genotype" IDH-mutant infiltrating gliomas. <i>Acta Neuropathologica</i> , 2020, 139, 1105-1107.	3.9	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.	1.4	6
48	Temporal Lobe Gliosarcoma After Gamma Knife Radiosurgery for Vestibular Schwannoma. <i>Otology and Neurotology</i> , 2016, 37, 1143-1147.	0.7	6
49	Case-Based Review: meningioma. <i>Neuro-Oncology Practice</i> , 2016, 3, 120-134.	1.0	6
50	Rare Occurrence of an Intraocular Choroidal Solitary Fibrous Tumor/Hemangiopericytoma. <i>Ocular Oncology and Pathology</i> , 2018, 4, 213-219.	0.5	6
51	Apoplectic Silent Crooke Cell Adenoma with Adjacent Pseudoaneurysms: Causation or Bystander?. <i>World Neurosurgery</i> , 2019, 122, 480-484.	0.7	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.	1.1	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.	0.7	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,	0.4	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.	2.1	5
56	Histology of the distal dural ring. <i>Clinical Anatomy</i> , 2017, 30, 742-746.	1.5	5
57	Unique cause of right hemispheric syndrome: Embolism of myocardium after open septal myectomy. <i>Neuroradiology Journal</i> , 2016, 29, 110-114.	0.6	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.	0.7	4
59	Polyclonal lymphocytic infiltrate with arachnoiditis resulting from intrathecal stem cell transplantation. <i>Neuroradiology Journal</i> , 2020, 33, 174-178.	0.6	4
60	Posterior interosseous nerve intraneural ganglion cyst from the scapholunate joint. <i>Clinical Anatomy</i> , 2018, 31, 1218-1219.	1.5	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.	1.1	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.	0.7	3
63	Subependymoma involving multiple spinal cord levels: A clinicopathological case series with chromosomal microarray analysis. <i>Neuropathology</i> , 2019, 39, 97-105.	0.7	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.	0.9	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.	1.8	3
66	Cavernous Sinus Vascular Venous Malformation. <i>American Journal of Neuroradiology</i> , 2022, 43, 19-23.	1.2	3
67	Parkinson Disease. <i>Mayo Clinic Proceedings</i> , 2016, 91, e155-e156.	1.4	2
68	Disseminated High-grade Glioma in a Long-term Survivor of Medulloblastoma. <i>Neurologist</i> , 2018, 23, 191-193.	0.4	2
69	Expansile Traumatic Neuroma of the Intratemporal Facial Nerve. <i>Journal of Neurological Surgery Reports</i> , 2019, 80, e10-e13.	0.3	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.	0.9	2
71	Chordoid glioma: a rare old foe but a new pathological and radiological presentation. <i>Clinical Imaging</i> , 2021, 78, 160-164.	0.8	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.	1.1	2

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73	Lesson of the month 1: Lobar pulmonary consolidation in an immunocompromised host. Clinical Medicine, 2016, 16, 595-598.	0.8	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.	0.6	1
75	Synchronous Development of Multicentric Malignant Peripheral Nerve Sheath Tumors: Institutional Review. World Neurosurgery, 2019, 124, e312-e314.	0.7	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.	0.7	1
77	Precision Medicine in Pediatric Bithalamic Glioma: Significance of the EGFR exon 20 Insertion Mutation. World Neurosurgery, 2021, 149, 271-273.	0.7	1
78	An Unusual Case of EBV-Negative Primary CNS Lymphoma of Natural Killer/T-Cell Lineage. BMC Clinical Pathology, 2021, 14, 2632010X2110656.	0.7	1
79	Progressive Multifocal Leukoencephalopathy. Mayo Clinic Proceedings, 2018, 93, 123-125.	1.4	0
80	Resection of Massive Intra/Extra-ventricular Prepontine Colloid Cyst: 2-Dimensional Operative Video. Operative Neurosurgery, 2019, 18, E42.	0.4	0
81	Early Recurrence of an Infantile Endodermal Oculomotor Nerve Cyst following Surgical Fenestration: A Case Report. Pediatric Neurosurgery, 2021, 56, 157-162.	0.4	0
82	Non-canonical IDH Mutation Frequency in IDH1-R132H-Negative Glioblastoma Patients Older Than 54 Years. Journal of Neuro pathology and Experimental Neurology, 2021, 80, 804-806.	0.9	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.	0.1	0