

Aditya Raghunathan

List of Publications by Citations

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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.

79
papers

6,199
citations

17
h-index

78
g-index

83
ext. papers

7,754
ext. citations

5.1
avg, IF

4.22
L-index

#	Paper	IF	Citations
79	The somatic genomic landscape of glioblastoma. <i>Cell</i> , 2013 , 155, 462-77	56.2	2900
78	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015 , 372, 2481-98	59.2	1828
77	Mesenchymal differentiation mediated by NF- κ B promotes radiation resistance in glioblastoma. <i>Cancer Cell</i> , 2013 , 24, 331-46	24.3	610
76	A prognostic gene expression signature in infratentorial ependymoma. <i>Acta Neuropathologica</i> , 2012 , 123, 727-38	14.3	131
75	Raman spectroscopy to distinguish grey matter, necrosis, and glioblastoma multiforme in frozen tissue sections. <i>Journal of Neuro-Oncology</i> , 2014 , 116, 477-85	4.8	88
74	Histological predictors of outcome in ependymoma are dependent on anatomic site within the central nervous system. <i>Brain Pathology</i> , 2013 , 23, 584-94	6	45
73	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, 287-95	4.8	41
72	Revisiting Adjuvant Radiotherapy After Gross Total Resection of World Health Organization Grade II Meningioma. <i>World Neurosurgery</i> , 2017 , 103, 655-663	2.1	40
71	Raman molecular imaging of brain frozen tissue sections. <i>Journal of Neuro-Oncology</i> , 2014 , 120, 55-62	4.8	35
70	Spinal Cord Ependymomas With MYCN Amplification Show Aggressive Clinical Behavior. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 , 78, 791-797	3.1	25
69	Spinal cord high-grade infiltrating gliomas in adults: clinico-pathological and molecular evaluation. <i>Modern Pathology</i> , 2019 , 32, 1236-1243	9.8	24
68	Malignant peripheral nerve sheath tumors of the eighth cranial nerve arising without prior irradiation. <i>Journal of Neurosurgery</i> , 2016 , 125, 1120-1129	3.2	24
67	Clinically significant intratumoral hemorrhage in patients with vestibular schwannoma. <i>Laryngoscope</i> , 2017 , 127, 1420-1426	3.6	21
66	Absence of IDH1-R132H mutation predicts rapid progression of nonenhancing diffuse glioma in older adults. <i>Annals of Diagnostic Pathology</i> , 2012 , 16, 161-70	2.2	20
65	Teflon granulomas mimicking cerebellopontine angle tumors following microvascular decompression. <i>Laryngoscope</i> , 2017 , 127, 715-719	3.6	18
64	Current Murine Models and New Developments in H3K27M Diffuse Midline Gliomas. <i>Frontiers in Oncology</i> , 2019 , 9, 92	5.3	17
63	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	4.8	17

62	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, 561-70	4.4	17
61	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, 566-71	1.9	17
60	Isocitrate dehydrogenase 1 R132H mutation is not detected in angiocentric glioma. <i>Annals of Diagnostic Pathology</i> , 2012 , 16, 255-9	2.2	16
59	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	3.1	16
58	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	9.8	16
57	Combined "Infiltrating Astrocytoma/Pleomorphic Xanthoastrocytoma" Harboring IDH1 R132H and BRAF V600E Mutations. <i>American Journal of Surgical Pathology</i> , 2016 , 40, 279-84	6.7	13
56	Supratentorial CAPNON associated with WHO grade II meningioma: A case report. <i>Neuropathology</i> , 2018 , 38, 535-538	2	11
55	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	5.5	11
54	Anaplastic meningioma: octreotide therapy for a case of recurrent and progressive intracranial disease. <i>Journal of Neurosurgery</i> , 2016 , 124, 496-500	3.2	10
53	Case-based review: atypical teratoid/rhabdoid tumor. <i>Neuro-Oncology Practice</i> , 2019 , 6, 163-178	2.2	10
52	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	7.3	9
51	Predominance of M1 subtype among tumor-associated macrophages in phenotypically aggressive sporadic vestibular schwannoma. <i>Journal of Neurosurgery</i> , 2019 , 1-9	3.2	9
50	: newly diagnosed glioblastoma. <i>Neuro-Oncology Practice</i> , 2015 , 2, 106-121	2.2	8
49	ALK+ histiocytosis: a new clinicopathologic spectrum highlighting neurologic involvement and responses to ALK inhibition. <i>Blood</i> , 2021 ,	2.2	8
48	Trochlear Schwannoma Presenting with Isolated Trigeminal Neuralgia. <i>World Neurosurgery</i> , 2017 , 103, 951.e13-951.e20	2.1	7
47	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	2.1	7
46	Atypical teratoid rhabdoid tumor: molecular insights and translation to novel therapeutics. <i>Journal of Neuro-Oncology</i> , 2020 , 150, 47-56	4.8	7
45	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	1.5	7

44	Extensive perineural spread of an intrapelvic sciatic malignant peripheral nerve sheath tumor: a case report. <i>Acta Neurochirurgica</i> , 2018 , 160, 1833-1836	3	7
43	Temporal Lobe Gliosarcoma After Gamma Knife Radiosurgery for Vestibular Schwannoma. <i>Otology and Neurotology</i> , 2016 , 37, 1143-7	2.6	6
42	Textiloma resembling anaplastic progression of an isocitrate dehydrogenase 1 (IDH1) mutant, low grade glioma. <i>Journal of Neuro-Oncology</i> , 2013 , 111, 377-9	4.8	6
41	Frequency of false-positive FISH 1p/19q codeletion in adult diffuse astrocytic gliomas. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa109	0.9	6
40	Secondary renal neoplasia following chemotherapy or radiation in pediatric patients. <i>Human Pathology</i> , 2020 , 103, 1-13	3.7	6
39	Lewy Body Disease is a Contributor to Logopenic Progressive Aphasia Phenotype. <i>Annals of Neurology</i> , 2021 , 89, 520-533	9.4	6
38	Diffuse Gliomas of the Brainstem and Cerebellum in Adults Show Molecular Heterogeneity. <i>American Journal of Surgical Pathology</i> , 2021 , 45, 1082-1090	6.7	6
37	Gliosarcoma with Primary Skull Base Invasion. <i>Case Reports in Radiology</i> , 2016 , 2016, 1762195	0.6	5
36	Rare Occurrence of an Intraocular Choroidal Solitary Fibrous Tumor/Hemangiopericytoma. <i>Ocular Oncology and Pathology</i> , 2018 , 4, 213-219	1.6	4
35	: meningioma. <i>Neuro-Oncology Practice</i> , 2016 , 3, 120-134	2.2	4
34	Primary intracranial sarcomatoid carcinoma arising from a recurrent/residual epidermoid cyst of the cerebellopontine angle: a case report. <i>American Journal of Surgical Pathology</i> , 2011 , 35, 1238-43	6.7	4
33	Unique cause of right hemispheric syndrome: Embolism of myocardium after open septal myectomy. <i>Neuroradiology Journal</i> , 2016 , 29, 110-4	2	4
32	Histology of the distal dural ring. <i>Clinical Anatomy</i> , 2017 , 30, 742-746	2.5	3
31	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	2.1	3
30	Polyclonal lymphocytic infiltrate with arachnoiditis resulting from intrathecal stem cell transplantation. <i>Neuroradiology Journal</i> , 2020 , 33, 174-178	2	3
29	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	14.3	3
28	Liver metastases from pituitary carcinomas mimicking visceral well-differentiated neuroendocrine tumors: a series of four cases. <i>Diagnostic Pathology</i> , 2020 , 15, 81	3	3
27	Glioblastoma Recurrence Versus Treatment Effect in a Pathology-Documented Series. <i>Canadian Journal of Neurological Sciences</i> , 2020 , 47, 525-530	1	3

26	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	5.5	3
25	Novel suprasellar location of desmoplastic infantile astrocytoma and ganglioglioma: a single institution's experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2018 , 22, 397-403	2.1	3
24	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	3.2	3
23	Intracranial cellular schwannomas: a clinicopathological study of 20 cases. <i>Histopathology</i> , 2020 , 76, 275-282	3.2	3
22	Subependymoma involving multiple spinal cord levels: A clinicopathological case series with chromosomal microarray analysis. <i>Neuropathology</i> , 2019 , 39, 97-105	2	2
21	A case of epidural glioblastoma metastasis presenting with a cervical myelopathy, torticollis, and Lhermitte's phenomenon. <i>Brain Tumor Pathology</i> , 2018 , 35, 181-185	3.2	2
20	Low-Grade Malignant Peripheral Nerve Sheath Tumor Mimicking Schwannoma: Role and Importance of Trimethylated H3K27M Staining. <i>World Neurosurgery</i> , 2018 , 117, 178-181	2.1	2
19	Expansile Traumatic Neuroma of the Intratemporal Facial Nerve. <i>Journal of Neurological Surgery Reports</i> , 2019 , 80, e10-e13	1.1	2
18	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	2.1	2
17	Apoplectic Silent Crooke Cell Adenoma with Adjacent Pseudoaneurysms: Causation or Bystander?. <i>World Neurosurgery</i> , 2019 , 122, 480-484	2.1	2
16	Disseminated High-grade Glioma in a Long-term Survivor of Medulloblastoma: Implications and Management of Radiation-induced Malignancies. <i>Neurologist</i> , 2018 , 23, 191-193	1.6	2
15	Parkinson Disease. <i>Mayo Clinic Proceedings</i> , 2016 , 91, e155-e156	6.4	1
14	Anaplastic Ependymoma and Posterior Fossa Grouping in a Patient With H3K27ME3 Loss of Expression but Chromosomal Imbalance. <i>Advances in Radiation Oncology</i> , 2019 , 4, 466-472	3.3	1
13	Lesson of the month 1: Lobar pulmonary consolidation in an immunocompromised host. <i>Clinical Medicine</i> , 2016 , 16, 595-598	1.9	1
12	Diffuse Midline Gliomas without the H3 K27M Mutation: Surgical Biopsy is Needed to Better our Diagnostic Understanding. <i>World Neurosurgery</i> , 2020 , 137, 472-473	2.1	0
11	An Unusual Case of EBV-Negative Primary CNS Lymphoma of Natural Killer/T-Cell Lineage.. <i>BMC Clinical Pathology</i> , 2021 , 14, 2632010X211065692	1.3	0
10	SeekFusion - A Clinically Validated Fusion Transcript Detection Pipeline for PCR-Based Next-Generation Sequencing of RNA. <i>Frontiers in Genetics</i> , 2021 , 12, 739054	4.5	0
9	Precision Medicine in Pediatric Bithalamic Glioma: Significance of the EGFR exon 20 Insertion Mutation. <i>World Neurosurgery</i> , 2021 , 149, 271-273	2.1	0

8	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	3.1	0
7	Synchronous Development of Multicentric Malignant Peripheral Nerve Sheath Tumors: Institutional Review. <i>World Neurosurgery</i> , 2018 , 124, e312-e312	2.1	
6	Resection of Massive "Tarry" Intra/Extra-ventricular Prepontine Colloid Cyst: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020 , 18, E42	1.6	
5	Progressive Multifocal Leukoencephalopathy. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 123-125	6.4	
4	Early Recurrence of an Infantile Endodermal Oculomotor Nerve Cyst following Surgical Fenestration: A Case Report. <i>Pediatric Neurosurgery</i> , 2021 , 56, 157-162	0.9	
3	Non-canonical IDH Mutation Frequency in IDH1-R132H-Negative Glioblastoma Patients Older Than 54 Years. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 , 80, 804-806	3.1	
2	Chordoid glioma: a rare old foe but a new pathological and radiological presentation. <i>Clinical Imaging</i> , 2021 , 78, 160-164	2.7	
1	Evaluating neurosurgical biopsies for CNS tumor diagnoses: An algorithmic and pattern based approach.. <i>Indian Journal of Pathology and Microbiology</i> , 2022 , 65, S99-S110	0.6	