

Caterina Giannini

List of Publications by Citations

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159
papers

10,659
citations

48
h-index

102
g-index

170
ext. papers

13,608
ext. citations

7.5
avg, IF

5.72
L-index

#	Paper	IF	Citations
159	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015 , 372, 2481-98	59.2	1828
158	Glioma Groups Based on 1p/19q, IDH, and TERT Promoter Mutations in Tumors. <i>New England Journal of Medicine</i> , 2015 , 372, 2499-508	59.2	1181
157	A t(1;19)(q10;p10) mediates the combined deletions of 1p and 19q and predicts a better prognosis of patients with oligodendroglioma. <i>Cancer Research</i> , 2006 , 66, 9852-61	10.1	563
156	Intertumoral Heterogeneity within Medulloblastoma Subgroups. <i>Cancer Cell</i> , 2017 , 31, 737-754.e6	24.3	511
155	Pathology of peripheral nerve sheath tumors: diagnostic overview and update on selected diagnostic problems. <i>Acta Neuropathologica</i> , 2012 , 123, 295-319	14.3	401
154	Benefit from procarbazine, lomustine, and vincristine in oligodendroglial tumors is associated with mutation of IDH. <i>Journal of Clinical Oncology</i> , 2014 , 32, 783-90	2.2	280
153	Patient tumor EGFR and PDGFRA gene amplifications retained in an invasive intracranial xenograft model of glioblastoma multiforme. <i>Neuro-Oncology</i> , 2005 , 7, 164-76	1	265
152	Pleomorphic xanthoastrocytoma. <i>Cancer</i> , 1999 , 85, 2033-2045	6.4	255
151	Is the blood-brain barrier really disrupted in all glioblastomas? A critical assessment of existing clinical data. <i>Neuro-Oncology</i> , 2018 , 20, 184-191	1	248
150	cIMPACT-NOW update 6: new entity and diagnostic principle recommendations of the cIMPACT-Utrecht meeting on future CNS tumor classification and grading. <i>Brain Pathology</i> , 2020 , 30, 844-856	6	196
149	Prognostic value of medulloblastoma extent of resection after accounting for molecular subgroup: a retrospective integrated clinical and molecular analysis. <i>Lancet Oncology, The</i> , 2016 , 17, 484-495	21.7	187
148	cIMPACT-NOW update 2: diagnostic clarifications for diffuse midline glioma, H3 K27M-mutant and diffuse astrocytoma/anaplastic astrocytoma, IDH-mutant. <i>Acta Neuropathologica</i> , 2018 , 135, 639-642	14.3	186
147	Adult infiltrating gliomas with WHO 2016 integrated diagnosis: additional prognostic roles of ATRX and TERT. <i>Acta Neuropathologica</i> , 2017 , 133, 1001-1016	14.3	185
146	cIMPACT-NOW update 5: recommended grading criteria and terminologies for IDH-mutant astrocytomas. <i>Acta Neuropathologica</i> , 2020 , 139, 603-608	14.3	170
145	Oligodendrogliomas: reproducibility and prognostic value of histologic diagnosis and grading. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001 , 60, 248-62	3.1	155
144	MYB-QKI rearrangements in angiocentric glioma drive tumorigenicity through a tripartite mechanism. <i>Nature Genetics</i> , 2016 , 48, 273-82	36.3	154
143	Therapeutic and Prognostic Implications of BRAF V600E in Pediatric Low-Grade Gliomas. <i>Journal of Clinical Oncology</i> , 2017 , 35, 2934-2941	2.2	153

142	Pleomorphic Xanthoastrocytoma: Natural History and Long-Term Follow-Up. <i>Brain Pathology</i> , 2015 , 25, 575-86	6	141
141	Cellular proliferation in pilocytic and diffuse astrocytomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 1999 , 58, 46-53	3.1	135
140	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. <i>Journal of Clinical Oncology</i> , 2016 , 34, 2468-77	2.2	113
139	Predicting Deletion of Chromosomal Arms 1p/19q in Low-Grade Gliomas from MR Images Using Machine Intelligence. <i>Journal of Digital Imaging</i> , 2017 , 30, 469-476	5.3	113
138	A low-frequency variant at 8q24.21 is strongly associated with risk of oligodendroglial tumors and astrocytomas with IDH1 or IDH2 mutation. <i>Nature Genetics</i> , 2012 , 44, 1122-5	36.3	108
137	Anaplastic oligodendroglial tumors: refining the correlation among histopathology, 1p 19q deletion and clinical outcome in Intergroup Radiation Therapy Oncology Group Trial 9402. <i>Brain Pathology</i> , 2008 , 18, 360-9	6	107
136	Discriminating long myelitis of neuromyelitis optica from sarcoidosis. <i>Annals of Neurology</i> , 2016 , 79, 437-47	4.7	102
135	Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX alterations. <i>Acta Neuropathologica</i> , 2018 , 136, 273-291	14.3	99
134	A novel enhancer regulates MGMT expression and promotes temozolomide resistance in glioblastoma. <i>Nature Communications</i> , 2018 , 9, 2949	17.4	98
133	Immunophenotype of pleomorphic xanthoastrocytoma. <i>American Journal of Surgical Pathology</i> , 2002 , 26, 479-85	6.7	95
132	A phase II trial of everolimus, temozolomide, and radiotherapy in patients with newly diagnosed glioblastoma: NCCTG N057K. <i>Neuro-Oncology</i> , 2015 , 17, 1261-9	1	92
131	Primary central nervous system vasculitis: pathology and mechanisms. <i>Acta Neuropathologica</i> , 2012 , 123, 759-72	14.3	92
130	Poorly differentiated chordoma with SMARCB1/INI1 loss: a distinct molecular entity with dismal prognosis. <i>Acta Neuropathologica</i> , 2016 , 132, 149-51	14.3	89
129	Pleomorphic xanthoastrocytoma: what do we really know about it?. <i>Cancer</i> , 1999 , 85, 2033-45	6.4	88
128	IDH mutation, 1p19q codeletion and ATRX loss in WHO grade II gliomas. <i>Oncotarget</i> , 2015 , 6, 30295-3053	3.3	86
127	cIMPACT-NOW update 1: Not Otherwise Specified (NOS) and Not Elsewhere Classified (NEC). <i>Acta Neuropathologica</i> , 2018 , 135, 481-484	14.3	78
126	Recurrent noncoding U1 snRNA mutations drive cryptic splicing in SHH medulloblastoma. <i>Nature</i> , 2019 , 574, 707-711	50.4	78
125	Management of diffuse low-grade gliomas in adults - use of molecular diagnostics. <i>Nature Reviews Neurology</i> , 2017 , 13, 340-351	15	72

124	2016 Updates to the WHO Brain Tumor Classification System: What the Radiologist Needs to Know. <i>Radiographics</i> , 2017 , 37, 2164-2180	5.4	72
123	Pleomorphic xanthoastrocytoma 1999 , 85, 2033		69
122	CNS lymphoma: a practical diagnostic approach. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 478-94	3.1	68
121	Germline and somatic BAP1 mutations in high-grade rhabdoid meningiomas. <i>Neuro-Oncology</i> , 2017 , 19, 535-545	1	60
120	Phase I/II trial of vorinostat combined with temozolomide and radiation therapy for newly diagnosed glioblastoma: results of Alliance N0874/ABTC 02. <i>Neuro-Oncology</i> , 2018 , 20, 546-556	1	58
119	A Revised Diagnostic Classification of Canine Glioma: Towards Validation of the Canine Glioma Patient as a Naturally Occurring Preclinical Model for Human Glioma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 1039-1054	3.1	56
118	Heterogeneity within the PF-EPN-B ependymoma subgroup. <i>Acta Neuropathologica</i> , 2018 , 136, 227-237	14.3	52
117	Expanded Clinical Phenotype, Oncological Associations, and Immunopathologic Insights of Paraneoplastic Kelch-like Protein-11 Encephalitis. <i>JAMA Neurology</i> , 2020 , 77, 1420-1429	17.2	50
116	Intracranial myxoid mesenchymal tumors with EWSR1-CREB family gene fusions: myxoid variant of angiomatoid fibrous histiocytoma or novel entity?. <i>Brain Pathology</i> , 2018 , 28, 183-191	6	49
115	Analysis of p53 mutation and expression in pleomorphic xanthoastrocytoma. <i>Neurogenetics</i> , 2001 , 3, 159-62	3	49
114	Constitutive Interferon Pathway Activation in Tumors as an Efficacy Determinant Following Oncolytic Virotherapy. <i>Journal of the National Cancer Institute</i> , 2018 , 110, 1123-1132	9.7	49
113	Genomic and Phenotypic Characterization of a Broad Panel of Patient-Derived Xenografts Reflects the Diversity of Glioblastoma. <i>Clinical Cancer Research</i> , 2020 , 26, 1094-1104	12.9	48
112	NAB2-STAT6 Gene Fusion in Meningeal Hemangiopericytoma and Solitary Fibrous Tumor. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016 , 75, 263-71	3.1	48
111	Recurrent copy number alterations in low-grade and anaplastic pleomorphic xanthoastrocytoma with and without BRAF V600E mutation. <i>Brain Pathology</i> , 2018 , 28, 172-182	6	46
110	Immunohistochemistry is highly sensitive and specific for detection of BRAF V600E mutation in pleomorphic xanthoastrocytoma. <i>Acta Neuropathologica Communications</i> , 2013 , 1, 20	7.3	46
109	Genetically Defined Oligodendroglioma Is Characterized by Indistinct Tumor Borders at MRI. <i>American Journal of Neuroradiology</i> , 2017 , 38, 678-684	4.4	45
108	Validation of a clinicopathological score for the prediction of post-surgical evolution of pituitary adenoma: retrospective analysis on 566 patients from a tertiary care centre. <i>European Journal of Endocrinology</i> , 2019 , 180, 127-134	6.5	44
107	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

106	Diagnostic utility of aquaporin-4 in the analysis of active demyelinating lesions. <i>Neurology</i> , 2015 , 84, 148-58	6.5	39
105	Interictal scalp electroencephalography and intraoperative electrocorticography in magnetic resonance imaging-negative temporal lobe epilepsy surgery. <i>JAMA Neurology</i> , 2014 , 71, 702-9	17.2	36
104	Alternative lengthening of telomeres, ATRX loss and H3-K27M mutations in histologically defined pilocytic astrocytoma with anaplasia. <i>Brain Pathology</i> , 2019 , 29, 126-140	6	35
103	Circumscribed/non-diffuse histology confers a better prognosis in H3K27M-mutant gliomas. <i>Acta Neuropathologica</i> , 2018 , 135, 299-301	14.3	34
102	Meningiomas With Rhabdoid Features Lacking Other Histologic Features of Malignancy: A Study of 44 Cases and Review of the Literature. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016 , 75, 44-52	3.1	34
101	Choristoma of the optic nerve: case report. <i>Neurosurgery</i> , 2002 , 50, 1125-8	3.2	34
100	A phase 1 and randomized, placebo-controlled phase 2 trial of bevacizumab plus dasatinib in patients with recurrent glioblastoma: Alliance/North Central Cancer Treatment Group N0872. <i>Cancer</i> , 2019 , 125, 3790-3800	6.4	32
99	WHO 2016 classification: changes and advancements in the diagnosis of miscellaneous primary CNS tumours. <i>Neuropathology and Applied Neurobiology</i> , 2018 , 44, 163-171	5.2	31
98	Sellar Region Atypical Teratoid/Rhabdoid Tumors (ATRT) in Adults Display DNA Methylation Profiles of the ATRT-MYC Subgroup. <i>American Journal of Surgical Pathology</i> , 2018 , 42, 506-511	6.7	29
97	FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. <i>Acta Neuropathologica</i> , 2018 , 136, 293-302	14.3	29
96	The impact of histopathology and NAB2-STAT6 fusion subtype in classification and grading of meningeal solitary fibrous tumor/hemangiopericytoma. <i>Acta Neuropathologica</i> , 2019 , 137, 307-319	14.3	28
95	Molecular profiling of long-term IDH-wildtype glioblastoma survivors. <i>Neuro-Oncology</i> , 2019 , 21, 1458-1469		27
94	Brain ischemic injury in COVID-19-infected patients: a series of 10 post-mortem cases. <i>Brain Pathology</i> , 2021 , 31, 205-210	6	27
93	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
92	The medical necessity of advanced molecular testing in the diagnosis and treatment of brain tumor patients. <i>Neuro-Oncology</i> , 2019 , 21, 1498-1508	1	25
91	Mycophenolate mofetil in primary central nervous system vasculitis. <i>Seminars in Arthritis and Rheumatism</i> , 2015 , 45, 55-9	5.3	23
90	Histopathologic grading of adult medulloblastomas. <i>Cancer</i> , 2007 , 109, 2557-65	6.4	23
89	Antemortem volume loss mirrors TDP-43 staging in older adults with non-frontotemporal lobar degeneration. <i>Brain</i> , 2019 , 142, 3621-3635	11.2	22

88	Phase II trial of pre-irradiation and concurrent temozolomide in patients with newly diagnosed anaplastic oligodendrogliomas and mixed anaplastic oligoastrocytomas: long term results of RTOG BR0131. <i>Journal of Neuro-Oncology</i> , 2015 , 124, 413-20	4.8	20
87	Molecular Analysis of Pediatric Oligodendrogliomas Highlights Genetic Differences with Adult Counterparts and Other Pediatric Gliomas. <i>Brain Pathology</i> , 2016 , 26, 206-14	6	20
86	Plenty of calcification: imaging characterization of polymorphous low-grade neuroepithelial tumor of the young. <i>Neuroradiology</i> , 2019 , 61, 1327-1332	3.2	18
85	CODEL: phase III study of RT, RT + TMZ, or TMZ for newly diagnosed 1p/19q codeleted oligodendroglioma. Analysis from the initial study design. <i>Neuro-Oncology</i> , 2021 , 23, 457-467	1	18
84	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
83	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
82	Prospective trial evaluating the sensitivity and specificity of 3,4-dihydroxy-6-[18F]-fluoro-L-phenylalanine (18F-DOPA) PET and MRI in patients with recurrent gliomas. <i>Journal of Neuro-Oncology</i> , 2018 , 137, 583-591	4.8	15
81	Globular Glial Tauopathy Presenting as Semantic Variant Primary Progressive Aphasia. <i>JAMA Neurology</i> , 2016 , 73, 123-5	17.2	15
80	Risk of Delayed Lymph Node Metastasis in Clinically N0 Esthesioneuroblastoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017 , 78, 68-74	1.5	13
79	Adult patients with supratentorial pilocytic astrocytoma: long-term follow-up of prospective multicenter clinical trial NCCTG-867251 (Alliance). <i>Neuro-Oncology Practice</i> , 2015 , 2, 199-204	2.2	13
78	Rituximab therapy for primary central nervous system vasculitis: A 6 patient experience and review of the literature. <i>Autoimmunity Reviews</i> , 2019 , 18, 399-405	13.6	12
77	Desmoplastic myxoid tumor, SMARCB1-mutant: clinical, histopathological and molecular characterization of a pineal region tumor encountered in adolescents and adults. <i>Acta Neuropathologica</i> , 2020 , 139, 277-286	14.3	12
76	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. <i>Epilepsia</i> , 2021 , 62, 1416-1428	6.4	12
75	Primary central nervous system vasculitis mimicking brain tumor: Comprehensive analysis of 13 cases from a single institutional cohort of 191 cases. <i>Journal of Autoimmunity</i> , 2019 , 97, 22-28	15.5	12
74	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. <i>Cell Reports Medicine</i> , 2020 , 1,	18	11
73	N047B: NCCTG phase II trial of vorinostat (suberoylanilide hydroxamic acid) in recurrent glioblastoma multiforme (GBM). <i>Journal of Clinical Oncology</i> , 2007 , 25, 2004-2004	2.2	11
72	Maintaining clinical tissue archives and supporting human research: challenges and solutions. <i>Archives of Pathology and Laboratory Medicine</i> , 2011 , 135, 347-53	5	11
71	Novel Diagnostic Methods and Posttreatment Clinical Phenotypes Among Intracranial Germ Cell Tumors. <i>Neurosurgery</i> , 2020 , 87, 563-572	3.2	10

70	Primary central nervous system vasculitis associated with lymphoma. <i>Neurology</i> , 2018 , 90, e847-e855	6.5	10
69	Subependymal giant cell astrocytoma in a genetically negative tuberous sclerosis complex adult: Case report. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 150, 177-180	2	10
68	Radiation-Induced Cavernous Malformations After Single-Fraction Meningioma Radiosurgery. <i>Operative Neurosurgery</i> , 2018 , 15, 207-212	1.6	9
67	Gene Expression in Solitary Fibrous Tumors (SFTs) Correlates with Anatomic Localization and NAB2-STAT6 Gene Fusion Variants. <i>American Journal of Pathology</i> , 2021 , 191, 602-617	5.8	9
66	Using germline variants to estimate glioma and subtype risks. <i>Neuro-Oncology</i> , 2019 , 21, 451-461	1	8
65	: newly diagnosed glioblastoma. <i>Neuro-Oncology Practice</i> , 2015 , 2, 106-121	2.2	8
64	Biology and grading of pleomorphic xanthoastrocytoma-what have we learned about it?. <i>Brain Pathology</i> , 2021 , 31, 20-32	6	8
63	Long-term remission, relapses and maintenance therapy in adult primary central nervous system vasculitis: A single-center 35-year experience. <i>Autoimmunity Reviews</i> , 2020 , 19, 102497	13.6	7
62	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021 , 12, 1749	17.4	7
61	Heterogeneous delivery across the blood-brain barrier limits the efficacy of an EGFR-targeting antibody drug conjugate in glioblastoma. <i>Neuro-Oncology</i> , 2021 , 23, 2042-2053	1	7
60	Comparison on epidemiology, tumor location, histology, and prognosis of intracranial germ cell tumors between Mayo Clinic and Japanese consortium cohorts. <i>Journal of Neurosurgery</i> , 2020 , 1-11	3.2	7
59	Adenoid Cystic Carcinoma Metastatic to the Pituitary: A Case Report and Discussion of Potential Diagnostic Value of Magnetic Resonance Elastography in Pituitary Tumors. <i>World Neurosurgery</i> , 2016 , 91, 669.e11-4	2.1	6
58	Synchronous Tumors of the Cerebellopontine Angle. <i>World Neurosurgery</i> , 2017 , 98, 632-643	2.1	6
57	Frequency of false-positive FISH 1p/19q codeletion in adult diffuse astrocytic gliomas. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa109	0.9	6
56	Granular cell astrocytoma: an aggressive IDH-wildtype diffuse glioma with molecular genetic features of primary glioblastoma. <i>Brain Pathology</i> , 2019 , 29, 193-204	6	6
55	Telomere alterations in neurofibromatosis type 1-associated solid tumors. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 139	7.3	5
54	Adult diffuse glioma GWAS by molecular subtype identifies variants in D2HGDH and FAM20C. <i>Neuro-Oncology</i> , 2020 , 22, 1602-1613	1	5
53	Glioblastoma of the cerebellopontine angle and internal auditory canal mimicking a peripheral nerve sheath tumor: case report. <i>Journal of Neurosurgery</i> , 2018 , 131, 1835-1839	3.2	5

52	A Pediatric Intra-Axial Malignant SMARCB1-Deficient Desmoplastic Tumor Arising in Meningioangiomatosis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 883-889	3.1	5
51	Glioneuronal Heterotopia Presenting as Cerebellopontine Angle Tumor of Cranial Nerve VIII. <i>World Neurosurgery</i> , 2018 , 114, 289-292	2.1	4
50	Periventricular white matter immunoglobulin lambda light chain deposition disease diagnosed by proteomic analysis. <i>Acta Neuropathologica</i> , 2012 , 124, 293-5	14.3	4
49	TTF-1 positive posterior pituitary tumor: Limitations of current treatment and potential new hope in BRAF V600E mutation variants. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 196, 106059	2	4
48	Expanding the spectrum of EWSR1-PATZ1 rearranged CNS tumors: An infantile case with leptomeningeal dissemination. <i>Brain Pathology</i> , 2021 , 31, e12934	6	4
47	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
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	14.3	3
45	Primary papillary epithelial tumour of the sella: expanding the spectrum of TTF-1-positive sellar lesions. <i>Neuropathology and Applied Neurobiology</i> , 2020 , 46, 493-505	5.2	3
44	Low-grade fibromyxoid sarcoma arising within the median nerve. <i>Neuropathology</i> , 2018 , 38, 309-314	2	3
43	Epidemiology, natural history, and optimal management of neurohypophyseal germ cell tumors. <i>Journal of Neurosurgery</i> , 2020 , 1-9	3.2	3
42	Synchronous gemistocytic astrocytoma IDH-mutant and oligodendroglioma IDH-mutant and 1p/19q-codeleted in a patient with CCDC26 polymorphism. <i>Acta Neuropathologica</i> , 2017 , 134, 317-319	14.3	3
41	Intracranial cellular schwannomas: a clinicopathological study of 20 cases. <i>Histopathology</i> , 2020 , 76, 275-282	2.2	3
40	Clinical, biological, radiological, and pathological comparison of sparsely and densely granulated somatotroph adenomas: a single center experience from a cohort of 131 patients with acromegaly. <i>Pituitary</i> , 2021 , 24, 192-206	4.3	3
39	Intracranial angiomatoid fibrous histiocytoma with rhabdoid features: a mimic of rhabdoid meningioma. <i>Brain Tumor Pathology</i> , 2021 , 38, 138-144	3.2	3
38	Case-based review: primary central nervous system lymphoma. <i>Neuro-Oncology Practice</i> , 2017 , 4, 46-59	2.2	2
37	Solitary Metastasis to the Facial/Vestibulocochlear Nerve Complex: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2015 , 84, 1178.e15-8	2.1	2
36	Rhabdoid-like meningioma with inclusions consisting of accumulations of complex interdigitating cell processes rather than intermediate filaments. <i>Acta Neuropathologica</i> , 2014 , 127, 937-9	14.3	2
35	Can Intraneural Perineuriomas Occur Intradurally? An Anatomic Perspective. <i>Neurosurgery</i> , 2017 , 80, 226-234	3.2	2

34	Immunohistochemical detection of EGFRvIII and prognostic significance in patients with malignant glioma enrolled in NCCTG clinical trials. <i>Journal of Clinical Oncology</i> , 2004 , 22, 1508-1508	2.2	2
33	Immunohistochemical detection of EGFRvIII and prognostic significance in patients with malignant glioma enrolled in NCCTG clinical trials. <i>Journal of Clinical Oncology</i> , 2004 , 22, 1508-1508	2.2	2
32	The Third Eye Sees Double: Cohort Study of Clinical Presentation, Histology, Surgical Approaches, and Ophthalmic Outcomes in Pineal Region Germ Cell Tumors. <i>World Neurosurgery</i> , 2021 , 150, e482-e490 ¹	2.1	2
31	Association of amyloid angiopathy with microbleeds in logopenic progressive aphasia: an imaging-pathology study. <i>European Journal of Neurology</i> , 2021 , 28, 670-675	6	2
30	A case of oligodendroglioma and multiple sclerosis: Occam's razor or Hickam's dictum?. <i>BMJ Case Reports</i> , 2018 , 2018,	0.9	2
29	Subgroup and subtype-specific outcomes in adult medulloblastoma. <i>Acta Neuropathologica</i> , 2021 , 142, 859-871	14.3	2
28	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
27	Intravascular mucinosis: a rare cause of cerebral infarction. <i>Acta Neuropathologica</i> , 2011 , 121, 785-8	14.3	1
26	Ultrastructural morphometric analysis of human sural nerve biopsies. <i>Diabetic Medicine</i> , 1996 , 13, 675-6	3.5	1
25	High-grade glioma with pleomorphic and pseudopapillary features (HPAP): a proposed type of circumscribed glioma in adults harboring frequent TP53 mutations and recurrent monosomy 13.. <i>Acta Neuropathologica</i> , 2022 , 143, 403	14.3	1
24	Delaying Postoperative Radiotherapy in Low-Grade Esthesioneuroblastoma: Is It Worth the Wait?. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021 , 82, e166-e171	1.5	1
23	Genetic and epigenetic characterization of posterior pituitary tumors. <i>Acta Neuropathologica</i> , 2021 , 142, 1025-1043	14.3	1
22	Review of WHO 2016 Changes to Classification of Gliomas; Incorporation of Molecular Markers 2020 , 127-138		1
21	A Comprehensive Study of Spindle Cell Oncocytoma of the Pituitary Gland: Series of 6 Cases and Meta-Analysis of 85 Cases. <i>World Neurosurgery</i> , 2021 , 149, e197-e216	2.1	1
20	Trigeminal Amyloidoma: A Report of Two Cases and Review of the Literature. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020 , 81, 620-626	1.5	1
19	Underlying pathology identified after 20 years of disease course in two cases of slowly progressive frontotemporal dementia syndromes. <i>Neurocase</i> , 2021 , 27, 212-222	0.8	1
18	Preclinical modeling in GBM PDX xenografts to guide clinical development of lisavanbulin - a novel tumor checkpoint controller targeting microtubules. <i>Neuro-Oncology</i> , 2021 ,	1	1
17	Histopathology and prognosis of germ cell tumors metastatic to brain: cohort study. <i>Journal of Neuro-Oncology</i> , 2021 , 154, 121-130	4.8	1

16	Polymorphous Low-Grade Neuroepithelial Tumor of the Young (PLNTY): Molecular Profiling Confirms Frequent MAPK Pathway Activation. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 , 80, 821-829	3.1	1
15	Brachial plexus lipomatosis with perineurial pseudoonion bulb formation: Result of a mosaic PIK3CA mutation in the para-axial mesoderm state.. <i>Brain Pathology</i> , 2022 , e13057	6	1
14	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
13	Sarcomatous Meningioma: Diagnostic Pitfalls and the Utility of Molecular Testing. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 , 80, 764-768	3.1	0
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