## Tarik Tihan

## List of Publications by Year in descending order

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272 papers

18,989 citations

14655 66 h-index 129 g-index

288 all docs 288 docs citations

times ranked

288

20776 citing authors

#	Article	IF	CITATIONS
1	Glioma Groups Based on 1p/19q, <i>IDH</i> , and <i>TERT</i> Promoter Mutations in Tumors. New England Journal of Medicine, 2015, 372, 2499-2508.	27.0	1,632
2	Loss of tumor suppressor PTEN function increases B7-H1 expression and immunoresistance in glioma. Nature Medicine, 2007, 13, 84-88.	30.7	1,177
3	Role of Extent of Resection in the Long-Term Outcome of Low-Grade Hemispheric Gliomas. Journal of Clinical Oncology, 2008, 26, 1338-1345.	1.6	1,160
4	Brain tumor epidemiology: Consensus from the Brain Tumor Epidemiology Consortium. Cancer, 2008, 113, 1953-1968.	4.1	716
5	Variants in the CDKN2B and RTEL1 regions are associated with high-grade glioma susceptibility. Nature Genetics, 2009, 41, 905-908.	21.4	456
6	Epidermal Growth Factor Receptor, Protein Kinase B/Akt, and Glioma Response to Erlotinib. Journal of the National Cancer Institute, 2005, 97, 880-887.	6.3	436
7	Atypical Teratoid/Rhabdoid Tumor of the Central Nervous System: A Highly Malignant Tumor of Infancy and Childhood Frequently Mistaken for Medulloblastoma. American Journal of Surgical Pathology, 1998, 22, 1083-1092.	3.7	413
8	Brain and other central nervous system tumor statistics, 2021. Ca-A Cancer Journal for Clinicians, 2021, 71, 381-406.	329.8	404
9	The hypoxic response of tumors is dependent on their microenvironment. Cancer Cell, 2003, 4, 133-146.	16.8	375
10	Diffuse Midline Gliomas with Histone <scp>H3â€K27M</scp> Mutation: A Series of 47 Cases Assessing the Spectrum of Morphologic Variation and Associated Genetic Alterations. Brain Pathology, 2016, 26, 569-580.	4.1	334
11	Pediatric Astrocytomas with Monomorphous Pilomyxoid Features and a Less Favorable Outcome. Journal of Neuropathology and Experimental Neurology, 1999, 58, 1061-1068.	1.7	278
12	Adult infiltrating gliomas with WHO 2016 integrated diagnosis: additional prognostic roles of ATRX and TERT. Acta Neuropathologica, 2017, 133, 1001-1016.	7.7	245
13	Frequent Gains at Chromosome 7q34 Involving BRAF in Pilocytic Astrocytoma. Journal of Neuropathology and Experimental Neurology, 2008, 67, 878-887.	1.7	223
14	Nuclear Localization and Mutation of $\hat{l}^2$ -Catenin in Medulloblastomas. Journal of Neuropathology and Experimental Neurology, 2000, 59, 333-337.	1.7	201
15	Volumetric extent of resection and residual contrast enhancement on initial surgery as predictors of outcome in adult patients with hemispheric anaplastic astrocytoma. Journal of Neurosurgery, 2006, 105, 34-40.	1.6	196
16	A clinicopathologic reappraisal of brain stem tumor classification. Cancer, 2000, 89, 1569-1576.	4.1	191
17	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. Cancer Cell, 2016, 30, 891-908.	16.8	191
18	Solitary Fibrous Tumors in the Central Nervous System. Archives of Pathology and Laboratory Medicine, 2003, 127, 432-439.	2.5	185

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19	Differentiation of low-grade oligodendrogliomas from low-grade astrocytomas by using quantitative blood-volume measurements derived from dynamic susceptibility contrast-enhanced MR imaging. American Journal of Neuroradiology, 2005, 26, 266-73.	2.4	178
20	Monomorphous Angiocentric Glioma: A Distinctive Epileptogenic Neoplasm With Features of Infiltrating Astrocytoma and Ependymoma. Journal of Neuropathology and Experimental Neurology, 2005, 64, 875-881.	1.7	173
21	Pilocytic and Pilomyxoid Hypothalamic/Chiasmatic Astrocytomas. Neurosurgery, 2004, 54, 72-80.	1.1	170
22	Dysfunction of Synaptic Inhibition in Epilepsy Associated with Focal Cortical Dysplasia. Journal of Neuroscience, 2005, 25, 9649-9657.	3.6	165
23	The prognostic value of histological grading of posterior fossa ependymomas in children: a Children's Oncology Group study and a review of prognostic factors. Modern Pathology, 2008, 21, 165-177.	5.5	163
24	Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. Nature Genetics, 2014, 46, 731-735.	21.4	161
25	Targeted next-generation sequencing of pediatric neuro-oncology patients improves diagnosis, identifies pathogenic germline mutations, and directs targeted therapy. Neuro-Oncology, 2017, 19, now254.	1.2	155
26	Outcome analysis of childhood lowâ€grade astrocytomas. Pediatric Blood and Cancer, 2008, 51, 245-250.	1.5	154
27	Newly Codified Glial Neoplasms of the 2007 WHO Classification of Tumours of the Central Nervous System: Angiocentric Glioma, Pilomyxoid Astrocytoma and Pituicytoma. Brain Pathology, 2007, 17, 319-324.	4.1	150
28	CD8+ T-cell infiltrate in newly diagnosed glioblastoma is associated with long-term survival. Journal of Clinical Neuroscience, 2010, 17, 1381-1385.	1.5	147
29	The superiority of conservative resection and adjuvant radiation for craniopharyngiomas. Journal of Neuro-Oncology, 2012, 108, 133-139.	2.9	147
30	Molecular subgroups of atypical teratoid rhabdoid tumours in children: an integrated genomic and clinicopathological analysis. Lancet Oncology, The, 2015, 16, 569-582.	10.7	147
31	Pleiotropic role for <i>MYCN</i> in medulloblastoma. Genes and Development, 2010, 24, 1059-1072.	5.9	146
32	Methylation of the PTEN promoter defines low-grade gliomas and secondary glioblastoma. Neuro-Oncology, 2007, 9, 271-279.	1.2	144
33	A Systematic Approach to the Diagnosis of Suspected Central Nervous System Lymphoma. JAMA Neurology, 2013, 70, 311.	9.0	143
34	Current Treatment Strategies and Outcomes in the Management of Symptomatic Vertebral Hemangiomas. Neurosurgery, 2006, 58, 287-295.	1.1	135
35	A low-frequency variant at 8q24.21 is strongly associated with risk of oligodendroglial tumors and astrocytomas with IDH1 or IDH2 mutation. Nature Genetics, 2012, 44, 1122-1125.	21.4	131
36	The genetic landscape of ganglioglioma. Acta Neuropathologica Communications, 2018, 6, 47.	5.2	130

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37	Primary gliosarcoma: key clinical and pathologic distinctions from glioblastoma with implications as a unique oncologic entity. Journal of Neuro-Oncology, 2010, 96, 313-320.	2.9	128
38	Intracranial hemangiopericytoma. Cancer, 2012, 118, 1628-1636.	4.1	128
39	Outcomes and failure patterns in childhood craniopharyngiomas. Child's Nervous System, 1998, 14, 558-563.	1.1	127
40	Comprehensive Management of Symptomatic and Aggressive Vertebral Hemangiomas. Neurosurgery Clinics of North America, 2008, 19, 17-29.	1.7	125
41	Thyroid Transcription Factor 1 Expression in Sellar Tumors: A Histogenetic Marker?. Journal of Neuropathology and Experimental Neurology, 2009, 68, 482-488.	1.7	118
42	Expression of FAS within hypothalamic neurons: a model for decreased food intake after C75 treatment. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E867-E879.	3.5	112
43	Lhermitte-Duclos Disease: A Report of 31 Cases with Immunohistochemical Analysis of the PTEN/AKT/mTOR Pathway. Journal of Neuropathology and Experimental Neurology, 2005, 64, 341-349.	1.7	112
44	Neurological outcomes and surgical complications in 221 spinal nerve sheath tumors. Journal of Neurosurgery: Spine, 2017, 26, 103-111.	1.7	111
45	Array-Based Comparative Genomic Hybridization Identifies <i>CDK4</i> and <i>FOXM1</i> Alterations as Independent Predictors of Survival in Malignant Peripheral Nerve Sheath Tumor. Clinical Cancer Research, 2011, 17, 1924-1934.	7.0	103
46	Immune cell infiltrate differences in pilocytic astrocytoma and glioblastoma: evidence of distinct immunological microenvironments that reflect tumor biology. Journal of Neurosurgery, 2011, 115, 505-511.	1.6	102
47	Somatostatin receptor 2a is a more sensitive diagnostic marker of meningioma than epithelial membrane antigen. Acta Neuropathologica, 2015, 130, 441-443.	7.7	100
48	Seizure control outcomes after resection of dysembryoplastic neuroepithelial tumor in 50 patients. Journal of Neurosurgery: Pediatrics, 2010, 5, 123-130.	1.3	99
49	High rate of concurrent BRAF-KIAA1549 gene fusion and 1p deletion in disseminated oligodendroglioma-like leptomeningeal neoplasms (DOLN). Acta Neuropathologica, 2015, 129, 609-610.	7.7	95
50	The genetic landscape of anaplastic pleomorphic xanthoastrocytoma. Brain Pathology, 2019, 29, 85-96.	4.1	88
51	Longer genotypically-estimated leukocyte telomere length is associated with increased adult glioma risk. Oncotarget, 2015, 6, 42468-42477.	1.8	87
52	Optic pathway gliomas: a review. CNS Oncology, 2013, 2, 143-159.	3.0	84
53	Reductions in brain pericytes are associated with arteriovenous malformation vascular instability. Journal of Neurosurgery, 2018, 129, 1464-1474.	1.6	84
54	Impact of telemedicine on pediatric neuro-oncology in a developing country: The Jordanian-Canadian experience. Pediatric Blood and Cancer, 2007, 48, 39-43.	1.5	83

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55	Reduced Mural Cell Coverage and Impaired Vessel Integrity After Angiogenic Stimulation in the <i>Alk1</i> -deficient Brain. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 305-310.	2.4	82
56	Inflammatory myofibroblastic tumor of the central nervous system and its relationship to inflammatory pseudotumor. Human Pathology, 2008, 39, 410-419.	2.0	79
57	Silent Intralesional Microhemorrhage as a Risk Factor for Brain Arteriovenous Malformation Rupture. Stroke, 2012, 43, 1240-1246.	2.0	78
58	Choroid plexus papillomas: advances in molecular biology and understanding of tumorigenesis. Neuro-Oncology, 2013, 15, 255-267.	1.2	78
59	Distinct germ line polymorphisms underlie glioma morphologic heterogeneity. Cancer Genetics, 2011, 204, 13-18.	0.4	77
60	MRI Features and IDH Mutational Status of Grade II Diffuse Gliomas: Impact on Diagnosis and Prognosis. American Journal of Roentgenology, 2018, 210, 621-628.	2.2	75
61	Pathway Analysis of Single-Nucleotide Polymorphisms Potentially Associated with Glioblastoma Multiforme Susceptibility Using Random Forests. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 1368-1373.	2.5	73
62	Predictors of seizure freedom after surgery for malformations of cortical development. Annals of Neurology, 2011, 70, 151-162.	5.3	73
63	Gene Expression Profiling Reveals Unique Molecular Subtypes of Neurofibromatosis Type lâ€associated and Sporadic Malignant Peripheral Nerve Sheath Tumors. Brain Pathology, 2004, 14, 297-303.	4.1	72
64	Biomarkers to Predict Response to Epidermal Growth Factor Receptor Inhibitors. Cell Cycle, 2005, 4, 1369-1372.	2.6	69
65	Highâ€grade neuroepithelial tumor with <i>BCOR</i> exon 15 internal tandem duplication—a comprehensive clinical, radiographic, pathologic, and genomic analysis. Brain Pathology, 2020, 30, 46-62.	4.1	69
66	Coexistence of renal cell carcinoma and malignant lymphoma: A causal relationship or coincidental occurrence?., 1996, 77, 2325-2331.		68
67	The Pilomyxoid Astrocytoma and its Relationship to Pilocytic Astrocytoma: Report of a Case and a Critical Review of the Entity. Journal of Neuro-Oncology, 2006, 81, 191-196.	2.9	68
68	Adjuvant radiation therapy and chondroid chordoma subtype are associated with a lower tumor recurrence rate of cranial chordoma. Journal of Neuro-Oncology, 2010, 98, 101-108.	2.9	68
69	Clinical characteristics and outcomes for a modern series of primary gliosarcoma patients. Cancer, 2010, 116, 1358-1366.	4.1	68
70	Voltage-gated potassium channel EAG2 controls mitotic entry and tumor growth in medulloblastoma via regulating cell volume dynamics. Genes and Development, 2012, 26, 1780-1796.	5.9	68
71	Spectrum of Pilomyxoid Astrocytomas. American Journal of Surgical Pathology, 2010, 34, 1783-1791.	3.7	65
72	MR imaging characteristics of pilomyxoid astrocytomas. American Journal of Neuroradiology, 2003, 24, 1906-8.	2.4	65

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73	Apoptosis, Neuronal Maturation, and Neurotrophin Expression Within Medulloblastoma Nodules. Journal of Neuropathology and Experimental Neurology, 2001, 60, 462-469.	1.7	64
74	DNA hypermethylation profiles associated with glioma subtypes and EZH2 and IGFBP2 mRNA expression. Neuro-Oncology, 2011, 13, 280-289.	1.2	63
75	Growth and regression of arteriovenous malformations in a patient with hereditary hemorrhagic telangiectasia. Journal of Neurosurgery, 2007, 106, 470-477.	1.6	62
76	Trends in childhood brain tumor incidence, 1973–2009. Journal of Neuro-Oncology, 2013, 115, 153-160.	2.9	62
77	Pilomyxoid Astrocytoma of the Spinal Cord: Report of Three Cases. Neurosurgery, 2005, 56, E206-E210.	1.1	61
78	Issues of Diagnostic Review in Brain Tumor Studies: From the Brain Tumor Epidemiology Consortium. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 484-489.	2.5	60
79	Malignant Progression and Blockade of Angiogenesis in a Murine Transgenic Model of Neuroblastoma. Cancer Research, 2007, 67, 9435-9442.	0.9	58
80	Chemotherapy-Induced Apoptosis in a Transgenic Model of Neuroblastoma Proceeds Through p53 Induction. Neoplasia, 2008, 10, 1268-IN34.	5.3	57
81	Yes-Associated Protein 1 Is Activated and Functions as an Oncogene in Meningiomas. Molecular Cancer Research, 2012, 10, 904-913.	3.4	57
82	Clinicopathologic Features of Pediatric Oligodendrogliomas. American Journal of Surgical Pathology, 2014, 38, 1058-1070.	3.7	57
83	The genetic landscape of gliomas arising after therapeutic radiation. Acta Neuropathologica, 2019, 137, 139-150.	7.7	57
84	Well-differentiated Papillary Adenocarcinoma Arising in a Supratentorial Enterogenous Cyst: Case Report. Neurosurgery, 1998, 43, 1474-1477.	1.1	56
85	A recurrent kinase domain mutation in PRKCA defines chordoid glioma of the third ventricle. Nature Communications, 2018, 9, 810.	12.8	56
86	Multimodal molecular analysis of astroblastoma enables reclassification of most cases into more specific molecular entities. Brain Pathology, 2018, 28, 192-202.	4.1	56
87	Medulloblastomas With Systemic Metastases: Evaluation of Tumor Histopathology and Clinical Behavior in 23 Patients. Journal of Pediatric Hematology/Oncology, 2003, 25, 198-203.	0.6	54
88	Multinodular and vacuolating neuronal tumor of the cerebrum is a clonal neoplasm defined by genetic alterations that activate the MAP kinase signaling pathway. Acta Neuropathologica, 2018, 135, 485-488.	7.7	54
89	Pathology of Diencephalic Astrocytomas. Pediatric Neurosurgery, 2000, 32, 214-219.	0.7	52
90	Clinicopathological Characteristics of Adamantinomatous and Papillary Craniopharyngiomas: University of California, San Francisco Experience 1985-2005. Neurosurgery, 2010, 67, 1341-1349.	1.1	51

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91	Histone 3 Lysine 9 Trimethylation Is Differentially Associated With Isocitrate Dehydrogenase Mutations in Oligodendrogliomas and High-Grade Astrocytomas. Journal of Neuropathology and Experimental Neurology, 2013, 72, 298-306.	1.7	51
92	Histopathologic review of pineal parenchymal tumors identifies novel morphologic subtypes and prognostic factors for outcome. Neuro-Oncology, 2017, 19, 78-88.	1.2	51
93	Pathology of Spinal Ependymomas. Neurosurgery, 2013, 73, 247-255.	1.1	50
94	Pediatric bithalamic gliomas have a distinct epigenetic signature and frequent EGFR exon 20 insertions resulting in potential sensitivity to targeted kinase inhibition. Acta Neuropathologica, 2020, 139, 1071-1088.	7.7	50
95	High-dose chemotherapy and autologous stem cell rescue for atypical teratoid/rhabdoid tumor of the central nervous system. Journal of Neuro-Oncology, 2010, 98, 117-123.	2.9	49
96	Secondary gliosarcoma after diagnosis of glioblastoma: clinical experience with 30 consecutive patients. Journal of Neurosurgery, 2010, 112, 990-996.	1.6	49
97	Secondary gliosarcoma: a review of clinical features and pathological diagnosis. Journal of Neurosurgery, 2010, 112, 26-32.	1.6	49
98	Quantitative surface analysis of combined MRI and PET enhances detection of focal cortical dysplasias. NeuroImage, 2018, 166, 10-18.	4.2	49
99	Ferumoxytol-Enhanced MRI to Image Inflammation Within Human Brain Arteriovenous Malformations: a Pilot Investigation. Translational Stroke Research, 2012, 3, 166-173.	4.2	48
100	Diagnostic implications of IDH1-R132H and OLIG2 expression patterns in rare and challenging glioblastoma variants. Modern Pathology, 2013, 26, 315-326.	5.5	48
101	Prognostic value of detecting recurrent glioblastoma multiforme in surgical specimens from patients after radiotherapy: should pathology evaluation alter treatment decisions?. Human Pathology, 2006, 37, 272-282.	2.0	47
102	Transmantle sign in focal cortical dysplasia: a unique radiological entity with excellent prognosis for seizure control. Journal of Neurosurgery, 2013, 118, 337-344.	1.6	47
103	Pathologic and Epidemiologic Findings of Intramedullary Spinal Cord Tumors. Neurosurgery Clinics of North America, 2006, 17, 7-11.	1.7	46
104	Myxoid glioneuronal tumor, <i>PDGFRA</i> p.K385â€mutant: clinical, radiologic, and histopathologic features. Brain Pathology, 2020, 30, 479-494.	4.1	46
105	The Glioma International Case-Control Study: A Report From the Genetic Epidemiology of Glioma International Consortium. American Journal of Epidemiology, 2016, 183, kwv235.	3.4	45
106	Clinical outcome and prognostic factors for central neurocytoma: twenty year institutional experience. Journal of Neuro-Oncology, 2016, 126, 193-200.	2.9	45
107	Recurrent KBTBD4 small in-frame insertions and absence of DROSHA deletion or DICER1 mutation differentiate pineal parenchymal tumor of intermediate differentiation (PPTID) from pineoblastoma. Acta Neuropathologica, 2019, 137, 851-854.	7.7	45
108	Intratumoral hemorrhage and fibrosis in vestibular schwannoma: a possible mechanism for hearing loss. Journal of Neurosurgery, 2011, 114, 386-393.	1.6	44

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109	Intracranial mesenchymal tumor with FETâ€CREB fusionâ€"A unifying diagnosis for the spectrum of intracranial myxoid mesenchymal tumors and angiomatoid fibrous histiocytomaâ€like neoplasms. Brain Pathology, 2021, 31, e12918.	4.1	44
110	Pilomyxoid astrocytoma: diagnosis, prognosis, and management. Neurosurgical Focus, 2005, 18, 1-4.	2.3	43
111	Early surgical intervention in adult patients with ganglioglioma is associated with improved clinical seizure outcomes. Journal of Clinical Neuroscience, 2011, 18, 29-33.	1.5	43
112	Management of recurrent intracranial hemangiopericytoma. Journal of Clinical Neuroscience, 2011, 18, 1500-1504.	1.5	43
113	Association of tumor location, extent of resection, and neurofibromatosis status with clinical outcomes for 221 spinal nerve sheath tumors. Neurosurgical Focus, 2015, 39, E5.	2.3	43
114	Genetic variants in telomerase-related genes are associated with an older age at diagnosis in glioma patients: evidence for distinct pathways of gliomagenesis. Neuro-Oncology, 2013, 15, 1041-1047.	1.2	42
115	Pathologic Characteristics of Pediatric Intracranial Pilocytic Astrocytomas and Their Impact on Outcome in 3 Countries. American Journal of Surgical Pathology, 2012, 36, 43-55.	3.7	40
116	Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype. Clinical Cancer Research, 2015, 21, 3750-3758.	7.0	40
117	Inherited variant on chromosome 11q23 increases susceptibility to IDH-mutated but not IDH-normal gliomas regardless of grade or histology. Neuro-Oncology, 2013, 15, 535-541.	1.2	38
118	Silent Arteriovenous Malformation Hemorrhage and the Recognition of "Unruptured―Arteriovenous Malformation Patients Who Benefit From Surgical Intervention. Neurosurgery, 2015, 76, 592-600.	1.1	38
119	Radiobiology of vestibular schwannomas: mechanisms of radioresistance and potential targets for therapeutic sensitization. Neurosurgical Focus, 2009, 27, E2.	2.3	37
120	Using a preclinical mouse model of high-grade astrocytoma to optimize p53 restoration therapy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1480-9.	7.1	37
121	HIV TAT Peptide Modifies the Distribution of DNA Nanolipoparticles Following Convection-enhanced Delivery. Molecular Therapy, 2008, 16, 893-900.	8.2	35
122	The role of histone modifications and telomere alterations in the pathogenesis of diffuse gliomas in adults and children. Journal of Neuro-Oncology, 2017, 132, 1-11.	2.9	35
123	Higher Flow Is Present in Unruptured Arteriovenous Malformations With Silent Intralesional Microhemorrhages. Stroke, 2017, 48, 2881-2884.	2.0	35
124	Comprehensive analysis of diverse low-grade neuroepithelial tumors with FGFR1 alterations reveals a distinct molecular signature of rosette-forming glioneuronal tumor. Acta Neuropathologica Communications, 2020, 8, 151.	5.2	35
125	Clinical, radiologic, and genetic characteristics of histone H3 K27M-mutant diffuse midline gliomas in adults. Neuro-Oncology Advances, 2020, 2, vdaa142.	0.7	35
126	Studies on the mechanisms of inhibition of L1210 cell growth by 3,4-dihydroxybenzohydroxamic acid and 3,4-dihydroxybenzamidoxime. Advances in Enzyme Regulation, 1991, 31, 71-83.	2.6	34

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127	Epidemiology and pathology of intraventricular tumors. Neurosurgery Clinics of North America, 2003, 14, 469-482.	1.7	34
128	Definition and Diagnostic Implications of Gemistocytic Astrocytomas: A Pathological Perspective. Journal of Neuro-Oncology, 2006, 76, 175-183.	2.9	33
129	GENETIC ABERRATIONS IN GLIOMATOSIS CEREBRI. Neurosurgery, 2007, 60, 150-158.	1.1	32
130	Myxopapillary ependymoma: Cytomorphologic characteristics and differential diagnosis. Diagnostic Cytopathology, 2002, 26, 247-250.	1.0	31
131	Novel Picornavirus Associated with Avian Keratin Disorder in Alaskan Birds. MBio, 2016, 7, .	4.1	31
132	Magnetic resonance imaging characteristics of pilomyxoid astrocytoma. Neurological Research, 2008, 30, 945-951.	1.3	30
133	Implications for immunotherapy of tumor-mediated T-cell apoptosis associated with loss of the tumor suppressor PTEN in glioblastoma. Journal of Clinical Neuroscience, 2010, 17, 1543-1547.	1.5	30
134	Surgical management of medically refractory epilepsy in patients with polymicrogyria. Epilepsia, 2016, 57, 151-161.	5.1	28
135	Detection of glioma infiltration at the tumor margin using quantitative stimulated Raman scattering histology. Scientific Reports, 2021, 11, 12162.	3.3	28
136	Pilocytic astrocytomas of the optic nerve and their relation to pilocytic astrocytomas elsewhere in the central nervous system. Modern Pathology, 2013, 26, 1279-1287.	5 <b>.</b> 5	27
137	Aggressive behavior and anaplasia in pleomorphic xanthoastrocytoma: a plea for a revision of the current WHO classification. CNS Oncology, 2013, 2, 523-530.	3.0	27
138	Solitary Fibrous Tumor/Hemangiopericytoma Dichotomy Revisited. Advances in Anatomic Pathology, 2016, 23, 104-111.	4.3	27
139	Practical Value of Ki-67 and p53 Labeling Indexes in Stereotactic Biopsies of Diffuse andPilocytic Astrocytomas. Archives of Pathology and Laboratory Medicine, 2000, 124, 108-113.	2.5	27
140	Molecular biomarker-defined brain tumors: Epidemiology, validity, and completeness in the United States. Neuro-Oncology, 2022, 24, 1989-2000.	1.2	27
141	Clear cell papillary carcinoma of the liver: An unusual variant of peripheral cholangiocarcinoma. Human Pathology, 1998, 29, 196-200.	2.0	26
142	The Next Step: Innovative Molecular Targeted Therapies for Treatment of Intracranial Chordoma Patients. Neurosurgery, 2011, 68, 231-241.	1.1	26
143	Encephalitis of Unclear Origin Diagnosed by Brain Biopsy. JAMA Neurology, 2015, 72, 66.	9.0	26
144	Pleomorphic Xanthoastrocytoma with Anaplastic Features: Retrospective Case Series. World Neurosurgery, 2016, 95, 368-374.	1.3	26

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145	Machine Learning Decision Tree Models for Differentiation of Posterior Fossa Tumors Using Diffusion Histogram Analysis and Structural MRI Findings. Frontiers in Oncology, 2020, 10, 71.	2.8	26
146	SNPLogic: an interactive single nucleotide polymorphism selection, annotation, and prioritization system. Nucleic Acids Research, 2009, 37, D803-D809.	14.5	25
147	Apparent diffusion coefficient and pituitary macroadenomas: pre-operative assessment of tumor atypia. Pituitary, 2017, 20, 195-200.	2.9	25
148	Clinicopathologic features of anaplastic myxopapillary ependymomas. Brain Pathology, 2019, 29, 75-84.	4.1	25
149	A case of enteroviral meningoencephalitis presenting as rapidly progressive dementia. Nature Clinical Practice Neurology, 2008, 4, 399-403.	2.5	24
150	Distinctive distribution of lymphocytes in unruptured and previously untreated brain arteriovenous malformation. Neuroimmunology and Neuroinflammation, 2014, 1, 147.	1.4	24
151	Solitary Fibrous Tumor Arising from Cranial Nerve VI in the Prepontine Cistern: Case Report and Review of a Tumor Subpopulation Mimicking Schwannoma. Neurosurgery, 2006, 59, E939-E940.	1.1	23
152	<i>SSBP2</i> Variants Are Associated with Survival in Glioblastoma Patients. Clinical Cancer Research, 2012, 18, 3154-3162.	7.0	23
153	Sporadic and Von-Hippel Lindau disease-associated spinal hemangioblastomas: institutional experience on their similarities and differences. Journal of Neuro-Oncology, 2019, 143, 547-552.	2.9	23
154	Surgical Technique of Temporary Arterial Occlusion in the Operative Management of Spinal Hemangioblastomas. World Neurosurgery, 2010, 74, 200-205.	1.3	22
155	The molecular pathology of central neurocytomas. Journal of Clinical Neuroscience, 2011, 18, 1-6.	1.5	22
156	Angiocentric glioma with MYB-QKI fusion located in the brainstem, rather than cerebral cortex. Acta Neuropathologica, 2017, 134, 671-673.	7.7	22
157	Anasarca and Small Bowel Obstruction Secondary to Endometriosis. Journal of Clinical Gastroenterology, 2001, 32, 167-171.	2.2	21
158	Expression of p75NTR in fetal brain and medulloblastomas: evidence of a precursor cell marker and its persistence in neoplasia. Journal of Neuro-Oncology, 2009, 92, 193-201.	2.9	21
159	Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas. Acta Neuropathologica, 2019, 138, 877-881.	7.7	21
160	Differentiation of Cerebellar Hemisphere Tumors: Combining Apparent Diffusion Coefficient Histogram Analysis and Structural MRI Features. Journal of Neuroimaging, 2018, 28, 656-665.	2.0	20
161	Clinicopathologic and molecular features of intracranial desmoplastic small round cell tumors. Brain Pathology, 2020, 30, 213-225.	4.1	20
162	Is posterior reversible encephalopathy syndrome really reversible? Autopsy findings 4.5 years after radiographic resolution., 2015, 34, 26-33.		20

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163	Cardiac Rupture After Intravenous t-PA Administration in Acute Ischemic Stroke. Neurocritical Care, 2010, 13, 261-262.	2.4	19
164	SOX10 Distinguishes Pilocytic and Pilomyxoid Astrocytomas From Ependymomas but Shows No Differences in Expression Level in Ependymomas From Infants Versus Older Children or Among Molecular Subgroups. Journal of Neuropathology and Experimental Neurology, 2016, 75, 295-298.	1.7	19
165	Gliomas arising in the setting of Li-Fraumeni syndrome stratify into two molecular subgroups with divergent clinicopathologic features. Acta Neuropathologica, 2020, 139, 953-957.	7.7	18
166	A subclavian artery aneurysm in a patient with HIV infection: A case report. Journal of Vascular Surgery, 2002, 35, 1-4.	1.1	17
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