Andreas von Deimling

List of Publications by Year
in descending order

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716	91,829	484	407
papers	citations	129 h-index	277 g-index

735	735	735	59660
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The 2016 World Health Organization Classification of Tumors of the Central Nervous System: a summary. Acta Neuropathologica, 2016, 131, 803-820.	3.9	12,144
2	The 2021 WHO Classification of Tumors of the Central Nervous System: a summary. Neuro-Oncology, 2021, 23, 1231-1251.	0.6	4,534
3	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. New England Journal of Medicine, 2015, 372, 2481-2498.	13.9	2,582
4	Driver mutations in histone H3.3 and chromatin remodelling genes in paediatric glioblastoma. Nature, 2012, 482, 226-231.	13.7	2,129
5	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	13.7	1,872
6	Hotspot Mutations in H3F3A and IDH1 Define Distinct Epigenetic and Biological Subgroups of Glioblastoma. Cancer Cell, 2012, 22, 425-437.	7.7	1,551
7	An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor. Nature, 2011, 478, 197-203.	13.7	1,514
8	Type and frequency of IDH1 and IDH2 mutations are related to astrocytic and oligodendroglial differentiation and age: a study of 1,010 diffuse gliomas. Acta Neuropathologica, 2009, 118, 469-474.	3.9	1,020
9	Molecular Classification of Ependymal Tumors across All CNS Compartments, Histopathological Grades, and Age Groups. Cancer Cell, 2015, 27, 728-743.	7.7	933
10	Analysis of BRAF V600E mutation in 1,320 nervous system tumors reveals high mutation frequencies in pleomorphic xanthoastrocytoma, ganglioglioma and extra-cerebellar pilocytic astrocytoma. Acta Neuropathologica, 2011, 121, 397-405.	3.9	914
11	Analysis of the IDH1 codon 132 mutation in brain tumors. Acta Neuropathologica, 2008, 116, 597-602.	3.9	910
12	EANO guidelines on the diagnosis and treatment of diffuse gliomas of adulthood. Nature Reviews Clinical Oncology, 2021, 18, 170-186.	12.5	826
13	K27M mutation in histone H3.3 defines clinically and biologically distinct subgroups of pediatric diffuse intrinsic pontine gliomas. Acta Neuropathologica, 2012, 124, 439-447.	3.9	799
14	Brain tumour cells interconnect to a functional and resistant network. Nature, 2015, 528, 93-98.	13.7	787
15	The whole-genome landscape of medulloblastoma subtypes. Nature, 2017, 547, 311-317.	13.7	787
16	Dissecting the genomic complexity underlying medulloblastoma. Nature, 2012, 488, 100-105.	13.7	765
17	Long-term survival with glioblastoma multiforme. Brain, 2007, 130, 2596-2606.	3.7	748
18	NOA-04 Randomized Phase III Trial of Sequential Radiochemotherapy of Anaplastic Glioma With Procarbazine, Lomustine, and Vincristine or Temozolomide. Journal of Clinical Oncology, 2009, 27, 5874-5880.	0.8	743

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19	Genome Sequencing of Pediatric Medulloblastoma Links Catastrophic DNA Rearrangements with TP53 Mutations. Cell, 2012, 148, 59-71.	13.5	743
20	Patients with IDH1 wild type anaplastic astrocytomas exhibit worse prognosis than IDH1-mutated glioblastomas, and IDH1 mutation status accounts for the unfavorable prognostic effect of higher age: implications for classification of gliomas. Acta Neuropathologica, 2010, 120, 707-718.	3.9	719
21	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. Cell, 2016, 164, 1060-1072.	13.5	702
22	Recurrent somatic alterations of FGFR1 and NTRK2 in pilocytic astrocytoma. Nature Genetics, 2013, 45, 927-932.	9.4	674
23	Lomustine and Bevacizumab in Progressive Glioblastoma. New England Journal of Medicine, 2017, 377, 1954-1963.	13.9	670
24	Actively personalized vaccination trial for newly diagnosed glioblastoma. Nature, 2019, 565, 240-245.	13.7	637
25	Reduced H3K27me3 and DNA Hypomethylation Are Major Drivers of Gene Expression in K27M Mutant Pediatric High-Grade Gliomas. Cancer Cell, 2013, 24, 660-672.	7.7	633
26	Intracranial Thermotherapy using Magnetic Nanoparticles Combined with External Beam Radiotherapy: Results of a Feasibility Study on Patients with Glioblastoma Multiforme. Journal of Neuro-Oncology, 2007, 81, 53-60.	1.4	632
27	Genome Sequencing of SHH Medulloblastoma Predicts Genotype-Related Response to Smoothened Inhibition. Cancer Cell, 2014, 25, 393-405.	7.7	627
28	EANO guidelines for the diagnosis and treatment of meningiomas. Lancet Oncology, The, 2016, 17, e383-e391.	5.1	627
29	Gene expression-based classification of malignant gliomas correlates better with survival than histological classification. Cancer Research, 2003, 63, 1602-7.	0.4	617
30	A vaccine targeting mutant IDH1 induces antitumour immunity. Nature, 2014, 512, 324-327.	13.7	613
31	cIMPACT-NOW update 3: recommended diagnostic criteria for â€œDiffuse astrocytic glioma, IDH-wildtype, with molecular features of glioblastoma, WHO grade IVâ€• Acta Neuropathologica, 2018, 136, 805-810.	3.9	599
32	Subsets of Glioblastoma Multiforme Defined by Molecular Genetic Analysis. Brain Pathology, 1993, 3, 19-26.	2.1	597
33	High prevalence of BRAF V600E mutations in Erdheim-Chester disease but not in other non-Langerhans cell histiocytoses. Blood, 2012, 120, 2700-2703.	0.6	589
34	DNA methylation-based classification and grading system for meningioma: a multicentre, retrospective analysis. Lancet Oncology, The, 2017, 18, 682-694.	5.1	586
35	Glioblastoma in adults: a Society for Neuro-Oncology (SNO) and European Society of Neuro-Oncology (EANO) consensus review on current management and future directions. Neuro-Oncology, 2020, 22, 1073-1113.	0.6	543
36	Molecular Predictors of Progression-Free and Overall Survival in Patients With Newly Diagnosed Glioblastoma: A Prospective Translational Study of the German Glioma Network. Journal of Clinical Oncology, 2009, 27, 5743-5750.	0.8	534

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37	Enhancer hijacking activates GFI1 family oncogenes in medulloblastoma. Nature, 2014, 511, 428-434.	13.7	520
38	Glioblastoma: pathology, molecular mechanisms and markers. Acta Neuropathologica, 2015, 129, 829-848.	3.9	503
39	<scp>I</scp>nternational <scp>S</scp>ociety of <scp>N</scp>europathologyâ€<scp>H</scp>aarlem <scp>C</scp>onsensus <scp>G</scp>uidelines for <scp>N</scp>ervous <scp>S</scp>ystem <scp>T</scp>umor <scp>C</scp>lassification and <scp>G</scp>rading. Brain Pathology, 2014, 24, 429-435.	2.1	499
40	Delineation of Two Clinically and Molecularly Distinct Subgroups of Posterior Fossa Ependymoma. Cancer Cell, 2011, 20, 143-157.	7.7	494
41	Characterization of R132H Mutationâ€specific IDH1 Antibody Binding in Brain Tumors. Brain Pathology, 2010, 20, 245-254.	2.1	463
42	MGMT testingâ€”the challenges for biomarker-based glioma treatment. Nature Reviews Neurology, 2014, 10, 372-385.	4.9	454
43	Assessment of BRAF V600E mutation status by immunohistochemistry with a mutation-specific monoclonal antibody. Acta Neuropathologica, 2011, 122, 11-19.	3.9	445
44	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. Cancer Cell, 2016, 29, 379-393.	7.7	438
45	DMBT1, a new member of the SRCR superfamily, on chromosome 10q25.3â€“26.1 is deleted in malignant brain tumours. Nature Genetics, 1997, 17, 32-39.	9.4	423
46	The effect of thermotherapy using magnetic nanoparticles on rat malignant glioma. Journal of Neuro-Oncology, 2006, 78, 7-14.	1.4	409
47	Temozolomide chemotherapy versus radiotherapy in high-risk low-grade glioma (EORTC 22033-26033): a randomised, open-label, phase 3 intergroup study. Lancet Oncology, The, 2016, 17, 1521-1532.	5.1	396
48	Monoclonal antibody specific for IDH1 R132H mutation. Acta Neuropathologica, 2009, 118, 599-601.	3.9	380
49	ATRX and IDH1-R132H immunohistochemistry with subsequent copy number analysis and IDH sequencing as a basis for an â€œintegratedâ€•diagnostic approach for adult astrocytoma, oligodendroglioma and glioblastoma. Acta Neuropathologica, 2015, 129, 133-146.	3.9	378
50	cIMPACTâ€NOW update 6: new entity and diagnostic principle recommendations of the cIMPACTâ€Utrecht meeting on future CNS tumor classification and grading. Brain Pathology, 2020, 30, 844-856.	2.1	363
51	Suppression of antitumor T cell immunity by the oncometabolite (R)-2-hydroxyglutarate. Nature Medicine, 2018, 24, 1192-1203.	15.2	359
52	cIMPACT-NOW update 5: recommended grading criteria and terminologies for IDH-mutant astrocytomas. Acta Neuropathologica, 2020, 139, 603-608.	3.9	344
53	Histone Deacetylase 8 in Neuroblastoma Tumorigenesis. Clinical Cancer Research, 2009, 15, 91-99.	3.2	335
54	Meningeal hemangiopericytoma and solitary fibrous tumors carry the NAB2-STAT6 fusion and can be diagnosed by nuclear expression of STAT6 protein. Acta Neuropathologica, 2013, 125, 651-658.	3.9	324

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55	A new clinico-pathological classification system for mesial temporal sclerosis. Acta Neuropathologica, 2007, 113, 235-244.	3.9	321
56	Practical implementation of DNA methylation and copy-number-based CNS tumor diagnostics: the Heidelberg experience. Acta Neuropathologica, 2018, 136, 181-210.	3.9	308
57	Shared Allelic Losses on Chromosomes 1p and 19q Suggest a Common Origin of Oligodendroglioma and Oligoastrocytoma. Journal of Neuropathology and Experimental Neurology, 1995, 54, 91-95.	0.9	306
58	ATRX loss refines the classification of anaplastic gliomas and identifies a subgroup of IDH mutant astrocytic tumors with better prognosis. Acta Neuropathologica, 2013, 126, 443-451.	3.9	304
59	PTEN mutations in gliomas and glioneuronal tumors. Oncogene, 1998, 16, 2259-2264.	2.6	300
60	Novel, improved grading system(s) for IDH-mutant astrocytic gliomas. Acta Neuropathologica, 2018, 136, 153-166.	3.9	298
61	Effector T-Cell Infiltration Positively Impacts Survival of Glioblastoma Patients and Is Impaired by Tumor-Derived TGF-Î². Clinical Cancer Research, 2011, 17, 4296-4308.	3.2	290
62	Immunohistochemistry Is Highly Sensitive and Specific for the Detection of V600E BRAF Mutation in Melanoma. American Journal of Surgical Pathology, 2013, 37, 61-65.	2.1	289
63	TERT Promoter Mutations and Risk of Recurrence in Meningioma. Journal of the National Cancer Institute, 2016, 108, djv377.	3.0	283
64	Yes and PI3K Bind CD95 to Signal Invasion of Glioblastoma. Cancer Cell, 2008, 13, 235-248.	7.7	281
65	Integrated analysis of pediatric glioblastoma reveals a subset of biologically favorable tumors with associated molecular prognostic markers. Acta Neuropathologica, 2015, 129, 669-678.	3.9	277
66	IDH mutant diffuse and anaplastic astrocytomas have similar age at presentation and little difference in survival: a grading problem for WHO. Acta Neuropathologica, 2015, 129, 867-873.	3.9	272
67	The current consensus on the clinical management of intracranial ependymoma and its distinct molecular variants. Acta Neuropathologica, 2017, 133, 5-12.	3.9	271
68	Automated quantitative tumour response assessment of MRI in neuro-oncology with artificial neural networks: a multicentre, retrospective study. Lancet Oncology, The, 2019, 20, 728-740.	5.1	271
69	Farewell to oligoastrocytoma: in situ molecular genetics favor classification as either oligodendroglioma or astrocytoma. Acta Neuropathologica, 2014, 128, 551-559.	3.9	268
70	Inositol-requiring enzyme 1Î± is a key regulator of angiogenesis and invasion in malignant glioma. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15553-15558.	3.3	262
71	Next-generation personalised medicine for high-risk paediatric cancer patients â€“ The INFORM pilot study. European Journal of Cancer, 2016, 65, 91-101.	1.3	262
72	IDH mutation status is associated with a distinct hypoxia/angiogenesis transcriptome signature which is non-invasively predictable with rCBV imaging in human glioma. Scientific Reports, 2015, 5, 16238.	1.6	259

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73	IL4I1 Is a Metabolic Immune Checkpoint that Activates the AHR and Promotes Tumor Progression. Cell, 2020, 182, 1252-1270.e34.	13.5	259
74	Combined molecular analysis of BRAF and IDH1 distinguishes pilocytic astrocytoma from diffuse astrocytoma. Acta Neuropathologica, 2009, 118, 401-405.	3.9	255
75	Distribution of TERT promoter mutations in pediatric and adult tumors of the nervous system. Acta Neuropathologica, 2013, 126, 907-915.	3.9	254
76	Molecular classification of diffuse cerebral WHO grade II/III gliomas using genome- and transcriptome-wide profiling improves stratification of prognostically distinct patient groups. Acta Neuropathologica, 2015, 129, 679-693.	3.9	254
77	Constitutive IDO expression in human cancer is sustained by an autocrine signaling loop involving IL-6, STAT3 and the AHR. Oncotarget, 2014, 5, 1038-1051.	0.8	248
78	Adult IDH wild type astrocytomas biologically and clinically resolve into other tumor entities. Acta Neuropathologica, 2015, 130, 407-417.	3.9	237
79	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	5.8	237
80	Radiogenomics of Glioblastoma: Machine Learningâ€“based Classification of Molecular Characteristics by Using Multiparametric and Multiregional MR Imaging Features. Radiology, 2016, 281, 907-918.	3.6	236
81	A vaccine targeting mutant IDH1 in newly diagnosed glioma. Nature, 2021, 592, 463-468.	13.7	232
82	Molecular pathways in the formation of gliomas. Glia, 1995, 15, 328-338.	2.5	227
83	Molecular Genetic Analysis of Ependymal Tumors. American Journal of Pathology, 1999, 155, 627-632.	1.9	226
84	Molecular Genetic Evidence for Subtypes of Oligoastrocytomas. Journal of Neuropathology and Experimental Neurology, 1997, 56, 1098-1104.	0.9	219
85	Adult Medulloblastoma Comprises Three Major Molecular Variants. Journal of Clinical Oncology, 2011, 29, 2717-2723.	0.8	215
86	The retinoblastoma gene is involved in malignant progression of astrocytomas. Annals of Neurology, 1994, 36, 714-721.	2.8	211
87	Oncogenic FAM131Bâ€“BRAF fusion resulting from 7q34 deletion comprises an alternative mechanism of MAPK pathway activation in pilocytic astrocytoma. Acta Neuropathologica, 2011, 121, 763-774.	3.9	211
88	Prognostic or predictive value of MGMT promoter methylation in gliomas depends on IDH1 mutation. Neurology, 2013, 81, 1515-1522.	1.5	211
89	Central neurocytoma: histopathological variants and therapeutic approaches. Journal of Neurosurgery, 1992, 76, 32-37.	0.9	210
90	Molecular Staging of Intracranial Ependymoma in Children and Adults. Journal of Clinical Oncology, 2010, 28, 3182-3190.	0.8	210

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91	Secretory meningiomas are defined by combined KLF4 K409Q and TRAF7 mutations. Acta Neuropathologica, 2013, 125, 351-358.	3.9	208
92	Immunohistochemical testing of BRAF V600E status in 1,120 tumor tissue samples of patients with brain metastases. Acta Neuropathologica, 2012, 123, 223-233.	3.9	204
93	Comparative Study of p53 Gene and Protein Alterations in Human Astrocytic Tumors. Journal of Neuropathology and Experimental Neurology, 1993, 52, 31-38.	0.9	203
94	Next-generation sequencing in routine brain tumor diagnostics enables an integrated diagnosis and identifies actionable targets. Acta Neuropathologica, 2016, 131, 903-910.	3.9	203
95	Targeting the BRAF V600E Mutation in Multiple Myeloma. Cancer Discovery, 2013, 3, 862-869.	7.7	202
96	BRAFV600E mutant protein is expressed in cells of variable maturation in Langerhans cell histiocytosis. Blood, 2012, 120, e28-e34.	0.6	199
97	Oncolytic H-1 Parvovirus Shows Safety and Signs of Immunogenic Activity in a First Phase I/IIa Glioblastoma Trial. Molecular Therapy, 2017, 25, 2620-2634.	3.7	199
98	Distribution of EGFR amplification, combined chromosome 7 gain and chromosome 10 loss, and TERT promoter mutation in brain tumors and their potential for the reclassification of IDHwt astrocytoma to glioblastoma. Acta Neuropathologica, 2018, 136, 793-803.	3.9	195
99	Embryonal tumor with abundant neuropil and true rosettes (ETANTR), ependymoblastoma, and medulloepithelioma share molecular similarity and comprise a single clinicopathological entity. Acta Neuropathologica, 2014, 128, 279-289.	3.9	191
100	Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX alterations. Acta Neuropathologica, 2018, 136, 273-291.	3.9	190
101	Association of epidermal growth factor receptor gene amplification with loss of chromosome 10 in human glioblastoma multiforme. Journal of Neurosurgery, 1992, 77, 295-301.	0.9	185
102	Impact of Genotype and Morphology on the Prognosis of Glioblastoma. Journal of Neuropathology and Experimental Neurology, 2002, 61, 321-328.	0.9	184
103	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. Neuro-Oncology, 2019, 21, 901-910.	0.6	184
104	Molecular Markers in Low-Grade Gliomas: Predictive or Prognostic?. Clinical Cancer Research, 2011, 17, 4588-4599.	3.2	179
105	Immunohistochemical Detection of the BRAF V600E-mutated Protein in Papillary Thyroid Carcinoma. American Journal of Surgical Pathology, 2012, 36, 844-850.	2.1	177
106	Mutant BRAF V600E protein in ganglioglioma is predominantly expressed by neuronal tumor cells. Acta Neuropathologica, 2013, 125, 891-900.	3.9	177
107	Integrated DNA methylation and copy-number profiling identify three clinically and biologically relevant groups of anaplastic glioma. Acta Neuropathologica, 2014, 128, 561-571.	3.9	176
108	HDAC5 and HDAC9 in Medulloblastoma: Novel Markers for Risk Stratification and Role in Tumor Cell Growth. Clinical Cancer Research, 2010, 16, 3240-3252.	3.2	175

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109	Evolutionary Trajectories of IDHWT Glioblastomas Reveal a Common Path of Early Tumorigenesis Instigated Years ahead of Initial Diagnosis. Cancer Cell, 2019, 35, 692-704.e12.	7.7	172
110	Genetic Signature of Oligoastrocytomas Correlates with Tumor Location and Denotes Distinct Molecular Subsets. American Journal of Pathology, 2002, 161, 313-319.	1.9	171
111	A role for Î²-melanocyte-stimulating hormone in human body-weight regulation. Cell Metabolism, 2006, 3, 141-146.	7.2	171
112	Radiomic subtyping improves disease stratification beyond key molecular, clinical, and standard imaging characteristics in patients with glioblastoma. Neuro-Oncology, 2018, 20, 848-857.	0.6	170
113	Brain metastases: pathobiology and emerging targeted therapies. Acta Neuropathologica, 2012, 123, 205-222.	3.9	163
114	Histologically distinct neuroepithelial tumors with histone 3 G34 mutation are molecularly similar and comprise a single nosologic entity. Acta Neuropathologica, 2016, 131, 137-146.	3.9	162
115	Long-Term Survival in Primary Glioblastoma With Versus Without Isocitrate Dehydrogenase Mutations. Clinical Cancer Research, 2013, 19, 5146-5157.	3.2	157
116	Infant High-Grade Gliomas Comprise Multiple Subgroups Characterized by Novel Targetable Gene Fusions and Favorable Outcomes. Cancer Discovery, 2020, 10, 942-963.	7.7	157
117	Predicting chemoresistance in human malignant glioma cells: The role of molecular genetic analyses. , 1998, 79, 640-644.		153
118	mTOR target NDRG1 confers MGMT-dependent resistance to alkylating chemotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 409-414.	3.3	152
119	Methylation-based classification of benign and malignant peripheral nerve sheath tumors. Acta Neuropathologica, 2016, 131, 877-887.	3.9	151
120	Epidermal Growth Factor Receptor Variant III (EGFRvIII) Positivity in EGFR-Amplified Glioblastomas: Prognostic Role and Comparison between Primary and Recurrent Tumors. Clinical Cancer Research, 2017, 23, 6846-6855.	3.2	151
121	The Next Generation of Glioma Biomarkers: MGMT Methylation, BRAF Fusions and IDH1 Mutations. Brain Pathology, 2011, 21, 74-87.	2.1	150
122	Addressing Diffuse Glioma as a Systemic Brain Disease With Single-Cell Analysis. Archives of Neurology, 2012, 69, 523.	4.9	148
123	TERT promoter mutations are highly recurrent in SHH subgroup medulloblastoma. Acta Neuropathologica, 2013, 126, 917-929.	3.9	146
124	Pan-mutant IDH1 inhibitor BAY 1436032 for effective treatment of IDH1 mutant astrocytoma in vivo. Acta Neuropathologica, 2017, 133, 629-644.	3.9	146
125	Detection of BRAF p.V600E Mutations in Melanomas. Journal of Molecular Diagnostics, 2013, 15, 94-100.	1.2	144
126	H3-/IDH-wild type pediatric glioblastoma is comprised of molecularly and prognostically distinct subtypes with associated oncogenic drivers. Acta Neuropathologica, 2017, 134, 507-516.	3.9	144

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127	FSTL5 Is a Marker of Poor Prognosis in Non-WNT/Non-SHH Medulloblastoma. Journal of Clinical Oncology, 2011, 29, 3852-3861.	0.8	143
128	Comprehensive Allelotype and Genetic Analysis of 466 Human Nervous System Tumors. Journal of Neuropathology and Experimental Neurology, 2000, 59, 544-558.	0.9	137
129	Adult and Pediatric Medulloblastomas Are Genetically Distinct and Require Different Algorithms for Molecular Risk Stratification. Journal of Clinical Oncology, 2010, 28, 3054-3060.	0.8	136
130	Adamantinomatous and papillary craniopharyngiomas are characterized by distinct epigenomic as well as mutational and transcriptomic profiles. Acta Neuropathologica Communications, 2016, 4, 20.	2.4	136
131	Application of a BRAF V600E Mutation-specific Antibody for the Diagnosis of Hairy Cell Leukemia. American Journal of Surgical Pathology, 2012, 36, 1796-1800.	2.1	135
132	Morphologic and immunohistochemical features of malignant peripheral nerve sheath tumors and cellular schwannomas. Modern Pathology, 2015, 28, 187-200.	2.9	134
133	Long survival and therapeutic responses in patient histologically disparate high-grade gliomas demonstrating chromosome 1p loss. Journal of Neurosurgery, 2000, 92, 983-990.	0.9	133
134	Combined 1p/19q Loss in Oligodendroglial Tumors: Predictive or Prognostic Biomarker?. Clinical Cancer Research, 2007, 13, 6933-6937.	3.2	131
135	CIC and FUBP1 mutations in oligodendrogliomas, oligoastrocytomas and astrocytomas. Acta Neuropathologica, 2012, 123, 853-860.	3.9	130
136	Long-term analysis of the NOA-04 randomized phase III trial of sequential radiochemotherapy of anaplastic glioma with PCV or temozolomide. Neuro-Oncology, 2016, 18, now133.	0.6	130
137	Focal genomic amplification at 19q13.42 comprises a powerful diagnostic marker for embryonal tumors with ependymoblastic rosettes. Acta Neuropathologica, 2010, 120, 253-260.	3.9	129
138	Tweety-Homolog 1 Drives Brain Colonization of Gliomas. Journal of Neuroscience, 2017, 37, 6837-6850.	1.7	129
139	Long-Term Outcome After Radiotherapy in Patients With Atypical and Malignant Meningiomasâ€"Clinical Results in 85 Patients Treated in a Single Institution Leading to Optimized Guidelines for Early Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2012, 83, 859-864.	0.4	128
140	The Endogenous Tryptophan Metabolite and NAD+ Precursor Quinolinic Acid Confers Resistance of Gliomas to Oxidative Stress. Cancer Research, 2013, 73, 3225-3234.	0.4	126
141	BRAFV600E Immunohistochemistry Facilitates Universal Screening of Colorectal Cancers for Lynch Syndrome. American Journal of Surgical Pathology, 2013, 37, 1592-1602.	2.1	125
142	Decreased Expression of Glutamate Transporters in Astrocytes after Human Traumatic Brain Injury. Journal of Neurotrauma, 2006, 23, 1518-1528.	1.7	124
143	Mutation-specific IDH1 antibody differentiates oligodendrogliomas and oligoastrocytomas from other brain tumors with oligodendroglioma-like morphology. Acta Neuropathologica, 2011, 121, 241-252.	3.9	124
144	IDH1/2 mutations in WHO grade II astrocytomas associated with localization and seizure as the initial symptom. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 194-197.	0.9	123

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145	Highly prevalentTERTpromoter mutations in bladder cancer and glioblastoma. Cell Cycle, 2013, 12, 1637-1638.	1.3	123
146	Decreased hemispheric Aquaporin-4 is linked to evolving brain edema following controlled cortical impact injury in rats. Neuroscience Letters, 2002, 324, 105-108.	1.0	121
147	Announcing cIMPACT-NOW: the Consortium to Inform Molecular and Practical Approaches to CNS Tumor Taxonomy. Acta Neuropathologica, 2017, 133, 1-3.	3.9	120
148	Prognostic Value of Three Different Methods of MGMT Promoter Methylation Analysis in a Prospective Trial on Newly Diagnosed Glioblastoma. PLoS ONE, 2012, 7, e33449.	1.1	120
149	Molecularly defined diffuse leptomeningeal glioneuronal tumor (DLGNT) comprises two subgroups with distinct clinical and genetic features. Acta Neuropathologica, 2018, 136, 239-253.	3.9	118
150	Targeted Genomic Profiling of Acral Melanoma. Journal of the National Cancer Institute, 2019, 111, 1068-1077.	3.0	118
151	Early expression of glutamate transporter proteins in ramified microglia after controlled cortical impact injury in the rat. Glia, 2001, 35, 167-179.	2.5	117
152	Quercetin promotes degradation of survivin and thereby enhances death-receptorâ€“mediated apoptosis in glioma cells. Neuro-Oncology, 2009, 11, 122-131.	0.6	117
153	Molecular characterization of long-term survivors of glioblastoma using genome- and transcriptome-wide profiling. International Journal of Cancer, 2014, 135, 1822-1831.	2.3	117
154	CDKN2A/B homozygous deletion is associated with early recurrence in meningiomas. Acta Neuropathologica, 2020, 140, 409-413.	3.9	116
155	LIN28A immunoreactivity is a potent diagnostic marker of embryonal tumor with multilayered rosettes (ETMR). Acta Neuropathologica, 2012, 124, 875-881.	3.9	115
156	Loss ofNF1Alleles Distinguish Sporadic from NF1-Associated Pilocytic Astrocytomas. Journal of Neuropathology and Experimental Neurology, 2001, 60, 917-920.	0.9	113
157	Heterogeneity of response to immune checkpoint blockade in hypermutated experimental gliomas. Nature Communications, 2020, 11, 931.	5.8	112
158	A Phase II, Randomized, Study of Weekly APG101+Reirradiation versus Reirradiation in Progressive Glioblastoma. Clinical Cancer Research, 2014, 20, 6304-6313.	3.2	111
159	Distinct requirement for an intact dimer interface in wild-type, V600E and kinase-dead B-Raf signalling. EMBO Journal, 2012, 31, 2629-2647.	3.5	110
160	Multidimensional scaling of diffuse gliomas: application to the 2016 World Health Organization classification system with prognostically relevant molecular subtype discovery. Acta Neuropathologica Communications, 2017, 5, 39.	2.4	110
161	Tryptophan metabolism drives dynamic immunosuppressive myeloid states in IDH-mutant gliomas. Nature Cancer, 2021, 2, 723-740.	5.7	110
162	The Pediatric Precision Oncology INFORM Registry: Clinical Outcome and Benefit for Patients with Very High-Evidence Targets. Cancer Discovery, 2021, 11, 2764-2779.	7.7	110

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