Martin Hasselblatt

List of Publications by Year
in descending order

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206 papers	17,669 citations	25014 57 h-index	15249 126 g-index
212 all docs	212 docs citations	212 times ranked	17112 citing authors

#	Article	IF	Citations
1	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	13.7	1,872
2	Molecular Classification of Ependymal Tumors across All CNS Compartments, Histopathological Grades, and Age Groups. Cancer Cell, 2015, 27, 728-743.	7.7	933
3	Erythropoietin Therapy for Acute Stroke Is Both Safe and Beneficial. Molecular Medicine, 2002, 8, 495-505.	1.9	932
4	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
5	Dissecting the genomic complexity underlying medulloblastoma. Nature, 2012, 488, 100-105.	13.7	765
6	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. Cell, 2016, 164, 1060-1072.	13.5	702
7	Recurrent somatic alterations of FGFR1 and NTRK2 in pilocytic astrocytoma. Nature Genetics, 2013, 45, 927-932.	9.4	674
8	The hematopoietic factor G-CSF is a neuronal ligand that counteracts programmed cell death and drives neurogenesis. Journal of Clinical Investigation, 2005, 115, 2083-2098.	3.9	630
9	Genome Sequencing of SHH Medulloblastoma Predicts Genotype-Related Response to Smoothened Inhibition. Cancer Cell, 2014, 25, 393-405.	7.7	627
10	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. Cancer Cell, 2016, 29, 379-393.	7.7	438
11	Germline and somatic SMARCA4 mutations characterize small cell carcinoma of the ovary, hypercalcemic type. Nature Genetics, 2014, 46, 438-443.	9.4	383
12	Erythropoietin therapy for acute stroke is both safe and beneficial. Molecular Medicine, 2002, 8, 495-505.	1.9	302
13	Germline Nonsense Mutation and Somatic Inactivation of SMARCA4/BRG1 in a Family with Rhabdoid Tumor Predisposition Syndrome. American Journal of Human Genetics, 2010, 86, 279-284.	2.6	288
14	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	5.8	237
15	Nonsense Mutation and Inactivation of SMARCA4 (BRG1) in an Atypical Teratoid/Rhabdoid Tumor Showing Retained SMARCB1 (INI1) Expression. American Journal of Surgical Pathology, 2011, 35, 933-935.	2.1	222
16	Targeting Placental Growth Factor/Neuropilin 1 Pathway Inhibits Growth and Spread of Medulloblastoma. Cell, 2013, 152, 1065-1076.	13.5	209
17	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
18	Erythropoietin: a candidate compound for neuroprotection in schizophrenia. Molecular Psychiatry, 2004, 9, 42-54.	4.1	182

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19	Locoregionally administered B7-H3-targeted CAR T cells for treatment of atypical teratoid/rhabdoid tumors. Nature Medicine, 2020, 26, 712-719.	15.2	172
20	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
21	SMARCA4-mutated atypical teratoid/rhabdoid tumors are associated with inherited germline alterations and poor prognosis. Acta Neuropathologica, 2014, 128, 453-456.	3.9	155
22	The Brain Erythropoietin System and its Potential for Therapeutic Exploitation in Brain Disease. Journal of Neurosurgical Anesthesiology, 2006, 18, 132-138.	0.6	145
23	Germline and somatic FGFR1 abnormalities in dysembryoplastic neuroepithelial tumors. Acta Neuropathologica, 2016, 131, 847-863.	3.9	143
24	Prognosis and Histopathologic Features in Papillary Tumors of the Pineal Region. Journal of Neuropathology and Experimental Neurology, 2006, 65, 1004-1011.	0.9	142
25	Highâ€resolution genomic analysis suggests the absence of recurrent genomic alterations other than SMARCB1 aberrations in atypical teratoid/rhabdoid tumors. Genes Chromosomes and Cancer, 2013, 52, 185-190.	1.5	138
26	Molecular subgrouping of atypical teratoid/rhabdoid tumorsâ€"a reinvestigation and current consensus. Neuro-Oncology, 2020, 22, 613-624.	0.6	133
27	CD4⁺T effector memory cell dysfunction is associated with the accumulation of granulocytic myeloid-derived suppressor cells in glioblastoma patients. Neuro-Oncology, 2016, 18, 807-818.	0.6	129
28	Poorly differentiated chordoma with SMARCB1/INI1 loss: a distinct molecular entity with dismal prognosis. Acta Neuropathologica, 2016, 132, 149-151.	3.9	127
29	Prognostic Implications of Atypical Histologic Features in Choroid Plexus Papilloma. Journal of Neuropathology and Experimental Neurology, 2006, 65, 1069-1073.	0.9	126
30	Atypical choroid plexus papilloma: clinical experience in the CPT-SIOP-2000 study. Journal of Neuro-Oncology, 2009, 95, 383-392.	1.4	124
31	Survival of hippocampal neurons in culture upon hypoxia. NeuroReport, 2000, 11, 3485-3488.	0.6	120
32	Identification of Novel Diagnostic Markers for Choroid Plexus Tumors. American Journal of Surgical Pathology, 2006, 30, 66-74.	2.1	119
33	No small surpriseÂâ€"Âsmall cell carcinoma of the ovary, hypercalcaemic type, is a malignant rhabdoid tumour. Journal of Pathology, 2014, 233, 209-214.	2.1	117
34	LIN28A immunoreactivity is a potent diagnostic marker of embryonal tumor with multilayered rosettes (ETMR). Acta Neuropathologica, 2012, 124, 875-881.	3.9	115
35	The Value of 5-Aminolevulinic Acid in Low-grade Gliomas and High-grade Gliomas Lacking Glioblastoma Imaging Features. Neurosurgery, 2016, 78, 401-411.	0.6	114
36	Serum S100Î² increases in marathon runners reflect extracranial release rather than glial damage. Neurology, 2004, 62, 1634-1636.	1.5	109

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37	Germline <scp>SMARCE1</scp> mutations predispose to both spinal and cranial clear cell meningiomas. Journal of Pathology, 2014, 234, 436-440.	2.1	108
38	Clinical and molecular features in patients with atypical teratoid rhabdoid tumor or malignant rhabdoid tumor. Genes Chromosomes and Cancer, 2010, 49, 176-181.	1.5	96
39	Immunohistochemical profile and chromosomal imbalances in papillary tumours of the pineal region. Neuropathology and Applied Neurobiology, 2006, 32, 278-283.	1.8	95
40	The molecular landscape of ETMR at diagnosis and relapse. Nature, 2019, 576, 274-280.	13.7	94
41	A hematopoietic growth factor, thrombopoietin, has a proapoptotic role in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 862-867.	3.3	92
42	Cribriform Neuroepithelial Tumor (CRINET): A Nonrhabdoid Ventricular Tumor With INI1 Loss and Relatively Favorable Prognosis. Journal of Neuropathology and Experimental Neurology, 2009, 68, 1249-1255.	0.9	92
43	The influence of clinical and genetic factors on patient outcome in small cell carcinoma of the ovary, hypercalcemic type. Gynecologic Oncology, 2016, 141, 454-460.	0.6	85
44	Molecular diagnostics of CNS embryonal tumors. Acta Neuropathologica, 2010, 120, 553-566.	3.9	83
45	Isomorphic diffuse glioma is a morphologically and molecularly distinct tumour entity with recurrent gene fusions of MYBL1 or MYB and a benign disease course. Acta Neuropathologica, 2020, 139, 193-209.	3.9	83
46	Sensitivity and specificity of epithelial membrane antigen staining patterns in ependymomas. Acta Neuropathologica, 2003, 106, 385-388.	3.9	76
47	Angiomatous Meningioma. American Journal of Surgical Pathology, 2004, 28, 390-393.	2.1	74
48	Identification and Analyses of Extra-Cranial and Cranial Rhabdoid Tumor Molecular Subgroups Reveal Tumors with Cytotoxic T Cell Infiltration. Cell Reports, 2019, 29, 2338-2354.e7.	2.9	74
49	Improved 6â€year overall survival in <scp>AT</scp>/<scp>RT</scp> â€“ results of the registry study Rhabdoid 2007. Cancer Medicine, 2016, 5, 1765-1775.	1.3	73
50	Age and DNA methylation subgroup as potential independent risk factors for treatment stratification in children with atypical teratoid/rhabdoid tumors. Neuro-Oncology, 2020, 22, 1006-1017.	0.6	72
51	BRAFâ€KIAA1549 fusion transcripts are less frequent in pilocytic astrocytomas diagnosed in adults. Neuropathology and Applied Neurobiology, 2011, 37, 803-806.	1.8	68
52	Methylation profiling of choroid plexus tumors reveals 3 clinically distinct subgroups. Neuro-Oncology, 2016, 18, 790-796.	0.6	67
53	In vitro Gender Differences in Neuronal Survival on Hypoxia and in 17Î²-Estradiol-Mediated Neuroprotection. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 427-430.	2.4	66
54	Non-linkage of familial rhabdoid tumors toSMARCB1 implies a second locus for the rhabdoid tumor predisposition syndrome. Pediatric Blood and Cancer, 2006, 47, 273-278.	0.8	65

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55	TET2 promoter methylation in low-grade diffuse gliomas lacking IDH1/2 mutations: Figure 1. Journal of Clinical Pathology, 2011, 64, 850-852.	1.0	65
56	Comprehensive Analysis of Chromatin States in Atypical Teratoid/Rhabdoid Tumor Identifies Diverging Roles for SWI/SNF and Polycomb in Gene Regulation. Cancer Cell, 2019, 35, 95-110.e8.	7.7	65
57	Familial rhabdoid tumour 'avant la lettre '-from pathology review to exome sequencing and back again. Journal of Pathology, 2013, 231, 35-43.	2.1	60
58	GPC2-CAR TÂcells tuned for low antigen density mediate potent activity against neuroblastoma without toxicity. Cancer Cell, 2022, 40, 53-69.e9.	7.7	60
59	Cellular and reticular variants of haemangioblastoma revisited: a clinicopathologic study of 88 cases. Neuropathology and Applied Neurobiology, 2005, 31, 618-622.	1.8	59
60	High-dose chemotherapy (HDCT) with auto-SCT in children with atypical teratoid/rhabdoid tumors (AT/RT): a report from the European Rhabdoid Registry (EU-RHAB). Bone Marrow Transplantation, 2014, 49, 370-375.	1.3	58
61	Cribriform neuroepithelial tumor: molecular characterization of a SMARCB1â€deficient nonâ€rhabdoid tumor with favorable longâ€term outcome. Brain Pathology, 2017, 27, 411-418.	2.1	58
62	Stem cell protein BMIâ€1 is an independent marker for poor prognosis in oligodendroglial tumours. Neuropathology and Applied Neurobiology, 2008, 34, 555-563.	1.8	57
63	Rosette-forming glioneuronal tumors share a distinct DNA methylation profile and mutations in FGFR1, with recurrent co-mutation of PIK3CA and NF1. Acta Neuropathologica, 2019, 138, 497-504.	3.9	57
64	TWIST-1 Is Overexpressed in Neoplastic Choroid Plexus Epithelial Cells and Promotes Proliferation and Invasion. Cancer Research, 2009, 69, 2219-2223.	0.4	56
65	FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. Acta Neuropathologica, 2018, 136, 293-302.	3.9	56
66	Is Visible Aminolevulinic Acid-Induced Fluorescence an Independent Biomarker for Prognosis in Histologically Confirmed (World Health Organization 2016) Low-Grade Gliomas?. Neurosurgery, 2019, 84, 1214-1224.	0.6	54
67	Loss of SMARCA4 (BRG1) protein expression as determined by immunohistochemistry in smallâ€cell carcinoma of the ovary, hypercalcaemic type distinguishes these tumours from their mimics. Histopathology, 2016, 69, 727-738.	1.6	52
68	Molecular subgrouping of primary pineal parenchymal tumors reveals distinct subtypes correlated with clinical parameters and genetic alterations. Acta Neuropathologica, 2020, 139, 243-257.	3.9	50
69	Endothelin B receptor deficiency is associated with an increased rate of neuronal apoptosis in the dentate gyrus. Neuroscience, 1999, 95, 993-1001.	1.1	49
70	Role of surgery, radiotherapy and chemotherapy in papillary tumors of the pineal region: a multicenter study. Journal of Neuro-Oncology, 2013, 112, 223-231.	1.4	48
71	REST Is a Novel Prognostic Factor and Therapeutic Target for Medulloblastoma. Molecular Cancer Therapeutics, 2012, 11, 1713-1723.	1.9	47
72	Atypical teratoid/rhabdoid tumors (ATRTs) with SMARCA4 mutation are molecularly distinct from SMARCB1-deficient cases. Acta Neuropathologica, 2021, 141, 291-301.	3.9	47

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73	Prognostic but not predictive role of plateletâ€derived growth factor receptors in patients with recurrent glioblastoma. International Journal of Cancer, 2011, 128, 1981-1988.	2.3	44
74	Choroid plexus carcinomas are characterized by complex chromosomal alterations related to patient age and prognosis. Genes Chromosomes and Cancer, 2014, 53, 373-380.	1.5	43
75	Sellar Region Atypical Teratoid/Rhabdoid Tumors (ATRT) in Adults Display DNA Methylation Profiles of the ATRT-MYC Subgroup. American Journal of Surgical Pathology, 2018, 42, 506-511.	2.1	43
76	Molecular characterization of histopathological ependymoma variants. Acta Neuropathologica, 2020, 139, 305-318.	3.9	43
77	Molecular analyses reveal close similarities between small cell carcinoma of the ovary, hypercalcemic type and atypical teratoid/rhabdoid tumor. Oncotarget, 2016, 7, 1732-1740.	0.8	42
78	The histone deacetylase inhibitor SAHA acts in synergism with fenretinide and doxorubicin to control growth of rhabdoid tumor cells. BMC Cancer, 2013, 13, 286.	1.1	41
79	Favorable outcome of patients affected by rhabdoid tumors due to rhabdoid tumor predisposition syndrome (RTPS). Pediatric Blood and Cancer, 2014, 61, 919-921.	0.8	41
80	Granulocyte-colony stimulating factor (G-CSF) and G-CSF receptor expression in human ischemic stroke. Acta Neuropathologica, 2006, 113, 45-51.	3.9	40
81	Platelet-Derived Growth Factor Receptor Expression and Activation in Choroid Plexus Tumors. American Journal of Pathology, 2009, 175, 1631-1637.	1.9	40
82	Magnetic resonance imaging surrogates of molecular subgroups in atypical teratoid/rhabdoid tumor. Neuro-Oncology, 2018, 20, 1672-1679.	0.6	40
83	Papillary Tumor of the Pineal Region: A Distinct Molecular Entity. Brain Pathology, 2016, 26, 199-205.	2.1	39
84	Platelet-derived growth factor receptor expression and amplification in choroid plexus carcinomas. Modern Pathology, 2008, 21, 265-270.	2.9	38
85	Endothelin B receptor-deficient rats as a subtraction model to study the cerebral endothelin system. Neuroscience, 1999, 91, 1067-1075.	1.1	37
86	Reactivation of death receptor 4 (DR4) expression sensitizes medulloblastoma cell lines to TRAIL. Journal of Neuro-Oncology, 2009, 93, 303-318.	1.4	37
87	Malignant progression in choroid plexus papillomas. Journal of Neurosurgery: Pediatrics, 2007, 107, 199-202.	0.8	36
88	Frequent IDH1 mutations in supratentorial primitive neuroectodermal tumors (sPNET) of adults but not children. Cell Cycle, 2009, 8, 1806-1807.	1.3	36
89	Desmoplastic myxoid tumor, SMARCB1-mutant: clinical, histopathological and molecular characterization of a pineal region tumor encountered in adolescents and adults. Acta Neuropathologica, 2020, 139, 277-286.	3.9	36
90	Role of the astrocytic ETBreceptor in the regulation of extracellular endothelin-1 during hypoxia. Glia, 2001, 34, 18-26.	2.5	35

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91	Pediatric atypical choroid plexus papilloma reconsidered: increased mitotic activity is prognostic only in older children. Acta Neuropathologica, 2015, 129, 925-927.	3.9	35
92	The Transcription Factor Evi-1 Is Overexpressed, Promotes Proliferation, and Is Prognostically Unfavorable in Infratentorial Ependymomas. Clinical Cancer Research, 2011, 17, 3631-3637.	3.2	34
93	ETA and ETB receptor antagonists synergistically increase extracellular endothelin-1 levels in primary rat astrocyte cultures. Brain Research, 1998, 785, 253-261.	1.1	33
94	Feasibility of Intensive Multimodal Therapy in Infants Affected by Rhabdoid Tumors â€“ Experience of the EU-RHAB registry. Klinische Padiatrie, 2014, 226, 143-148.	0.2	33
95	Characterization of Diffuse Gliomas With Histone H3-G34 Mutation by MRI and Dynamic 18F-FET PET. Clinical Nuclear Medicine, 2018, 43, 895-898.	0.7	33
96	Juvenile psammomatoid ossifying fibroma of the neurocranium. Journal of Neurosurgery, 2005, 102, 1151-1154.	0.9	31
97	Clear cell meningiomas are defined by a highly distinct DNA methylation profile and mutations in SMARCE1. Acta Neuropathologica, 2021, 141, 281-290.	3.9	31
98	DGCR8 microprocessor defect characterizes familial multinodular goiter with schwannomatosis. Journal of Clinical Investigation, 2020, 130, 1479-1490.	3.9	31
99	Endothelin B receptor deficiency augments neuronal damage upon exposure to hypoxiaâ€“ischemia in vivo. Brain Research, 2002, 945, 144-149.	1.1	30
100	Germline variants in SMARCB1 and other members of the BAF chromatin-remodeling complex across human disease entities: a meta-analysis. European Journal of Human Genetics, 2018, 26, 1083-1093.	1.4	30
101	Synchronous congenital malignant rhabdoid tumor of the orbit and atypical teratoid/rhabdoid tumorâ€"feasibility and efficacy of multimodal therapy in a long-term survivor. Cancer Genetics, 2014, 207, 429-433.	0.2	28
102	Increased Mitotic and Proliferative Activity Are Associated With Worse Prognosis in Papillary Tumors of the Pineal Region. American Journal of Surgical Pathology, 2014, 38, 106-110.	2.1	28
103	Identification of genes involved in the biology of atypical teratoid/rhabdoid tumours using Drosophila melanogaster. Nature Communications, 2014, 5, 4005.	5.8	28
104	Prophylactic oophorectomy for hereditary small cell carcinoma of the ovary, hypercalcemic type. Gynecologic Oncology Reports, 2015, 12, 20-22.	0.3	28
105	hTERT promoter methylation in meningiomas and central nervous hemangiopericytomas. Journal of Neuro-Oncology, 2016, 130, 79-87.	1.4	26
106	The genetic landscape of choroid plexus tumors in children and adults. Neuro-Oncology, 2021, 23, 650-660.	0.6	26
107	IDH2 R172 Mutations Across Poorly Differentiated Sinonasal Tract Malignancies. American Journal of Surgical Pathology, 2021, 45, 1190-1204.	2.1	26
108	Histone H3.3 K27M and K36M mutations de-repress transposable elements through perturbation of antagonistic chromatin marks. Molecular Cell, 2021, 81, 4876-4890.e7.	4.5	26

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109	Endothelin Converting Enzyme Activity in Primary Rat Astrocytes Is Modulated by Endothelin B Receptors. Biochemical and Biophysical Research Communications, 1999, 261, 149-155.	1.0	25
110	The tyrosine kinase câ€Abl promotes proliferation and is expressed in atypical teratoid and malignant rhabdoid tumors. Cancer, 2010, 116, 5075-5081.	2.0	25
111	Partial Amniotic Carbon Dioxide Insufflation During Minimally Invasive Fetoscopic Interventions Seems Safe for the Fetal Brain in Sheep. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2010, 20, 651-653.	0.5	25
112	Advancing biology-based therapeutic approaches for atypical teratoid rhabdoid tumors. Neuro-Oncology, 2020, 22, 944-954.	0.6	25
113	Bone Involvement in Atypical Teratoid/Rhabdoid Tumors of the CNS. American Journal of Neuroradiology, 2013, 34, 2039-2042.	1.2	24
114	Macrophage-tumor cell interaction promotes ATRT progression and chemoresistance. Acta Neuropathologica, 2020, 139, 913-936.	3.9	24
115	PERSISTENT DISTURBANCE OF THE HYPOTHALAMIC-PITUITARY-GONADAL AXIS IN ABSTINENT ALCOHOLIC MEN. Alcohol and Alcoholism, 2003, 38, 239-242.	0.9	22
116	The hereditary nature of small cell carcinoma of the ovary, hypercalcemic type: two new familial cases. Familial Cancer, 2017, 16, 395-399.	0.9	22
117	ETA and ETB Specific Ligands Synergistically Antagonize Endothelin-1 Binding to an Atypical Endothelin Receptor in Primary Rat Astrocytes. Journal of Neurochemistry, 2002, 70, 473-482.	2.1	21
118	Cellular and reticular variants of hemangioblastoma differ in their cytogenetic profiles. Human Pathology, 2006, 37, 1452-1457.	1.1	21
119	DNA methylation signature is prognostic of choroid plexus tumor aggressiveness. Clinical Epigenetics, 2019, 11, 117.	1.8	21
120	Familial occurrence of dysembryoplastic neuroepithelial tumor. Neurology, 2004, 62, 1020-1021.	1.5	20
121	Haematological Abnormalities in Early Abstinent Alcoholics Are Closely Associated with Alterations in Thrombopoietin and Erythropoietin Serum Profiles. Thrombosis and Haemostasis, 1999, 82, 1422-1427.	1.8	19
122	Erythropoietin Augments Survival of Glioma Cells After Radiation and Temozolomide. International Journal of Radiation Oncology Biology Physics, 2008, 72, 927-934.	0.4	19
123	MGMT as a potential stratification marker in relapsed highâ€grade glioma of children: The HITâ€GBM experience. Pediatric Blood and Cancer, 2010, 54, 228-237.	0.8	19
124	A polyphenotypic malignant paediatric brain tumour presenting a MN1â€PATZ1 fusion, no epigenetic similarities with CNS Highâ€Grade Neuroepithelial Tumour with MN1 Alteration (CNS) Tj ETQq0 0 0 rgBT /Overlock 10 2020, 46, 506-509.	1.8	19
125	Ependymal Tumors. Recent Results in Cancer Research, 2009, 171, 51-66.	1.8	18
126	Clinical response to nivolumab in an INI1-deficient pediatric chordoma correlates with immunogenic recognition of brachyury. Npj Precision Oncology, 2021, 5, 103.	2.3	18

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127	Effect of endothelin-1 on astrocytic protein content. Glia, 2003, 42, 390-397.	2.5	17
128	Prognostic value of histopathological findings in aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2009, 110, 487-491.	0.9	17
129	Aberrant MGMT (O6-methylguanine-DNA methyltransferase) promoter methylation in choroid plexus tumors. Journal of Neuro-Oncology, 2009, 91, 151-155.	1.4	17
130	Loss of endoplasmic reticulum calcium pump expression in choroid plexus tumours. Neuropathology and Applied Neurobiology, 2014, 40, 726-735.	1.8	16
131	Biallelic somaticSMARCA4mutations in small cell carcinoma of the ovary, hypercalcemic type (SCCOHT). Pediatric Blood and Cancer, 2015, 62, 728-730.	0.8	16
132	TERT promoter mutation and chromosome 6 loss define a high-risk subtype of ependymoma evolving from posterior fossa subependymoma. Acta Neuropathologica, 2021, 141, 959-970.	3.9	16
133	Histopathological patterns in atypical teratoid/rhabdoid tumors are related to molecular subgroup. Brain Pathology, 2021, 31, e12967.	2.1	16
134	Nitric oxide synthase in muscular dystrophies: a re-evaluation. Acta Neuropathologica, 2006, 111, 579-588.	3.9	15
135	hTERT promoter methylation in pituitary adenomas. Brain Tumor Pathology, 2016, 33, 27-34.	1.1	15
136	The extraordinary challenge of treating patients with congenital rhabdoid tumorsâ€”a collaborative European effort. Pediatric Blood and Cancer, 2018, 65, e26999.	0.8	15
137	Intracranial follicular dendritic cell sarcoma. Journal of Neurosurgery, 2003, 99, 1089-1090.	0.9	14
138	Fibre-related nitric oxide synthase (NOS) in Duchenne muscular dystrophy. Acta Histochemica, 2007, 109, 228-236.	0.9	14
139	Choroid Plexus Papilloma With Neuropil-like Islands. American Journal of Surgical Pathology, 2008, 32, 162-166.	2.1	14
140	O⁶â€methylguanineâ€DNA methyltransferase (MGMT) promoter methylation is significantly less frequent in ependymal tumours as compared to malignant astrocytic gliomas. Neuropathology and Applied Neurobiology, 2010, 36, 356-358.	1.8	14
141	Claudinâ€6 is of Limited Sensitivity and Specificity for the Diagnosis of Atypical Teratoid/Rhabdoid Tumors. Brain Pathology, 2011, 21, 558-563.	2.1	14
142	Cerebral amyloidoma is characterized by <scp>B</scp>â€cell clonality and a stable clinical course. Brain Pathology, 2018, 28, 234-239.	2.1	14
143	Non-random aneuploidy specifies subgroups of pilocytic astrocytoma and correlates with older age. Oncotarget, 2015, 6, 31844-31856.	0.8	14
144	Cytogenetic features of ependymoblastomas. Acta Neuropathologica, 2006, 111, 559-562.	3.9	13

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145	Severe aseptic leucoencephalopathy as immune reconstitution inflammatory syndrome in Caucasian and African patients. Aids, 2009, 23, 1435-1437.	1.0	13
146	MGMT promoter methylation status in anaplastic meningiomas. Journal of Neuro-Oncology, 2010, 100, 489-490.	1.4	13
147	DNA copy number alterations in central primitive neuroectodermal tumors and tumors of the pineal region: an international individual patient data meta-analysis. Journal of Neuro-Oncology, 2012, 109, 415-423.	1.4	13
148	Epigenetic repression of the dopamine receptor D4 in pediatric tumors of the central nervous system. Journal of Neuro-Oncology, 2014, 116, 237-249.	1.4	13
149	ATRTâ€“SHH comprises three molecular subgroups with characteristic clinical and histopathological features and prognostic significance. Acta Neuropathologica, 2022, 143, 697-711.	3.9	13
150	Somatostatin receptor subtype 2 (sst2) is a potential prognostic marker and a therapeutic target in medulloblastoma. Child's Nervous System, 2013, 29, 1253-1262.	0.6	12
151	Spinal cord atypical teratoid/rhabdoid tumors in children: Clinical, genetic, and outcome characteristics in a representative European cohort. Pediatric Blood and Cancer, 2020, 67, e28022.	0.8	12
152	ARGININE CHALLENGE UNRAVELS PERSISTENT DISTURBANCES OF UREA CYCLE AND GLUCONEOGENESIS IN ABSTINENT ALCOHOLICS. Alcohol and Alcoholism, 2006, 41, 372-378.	0.9	11
153	Loss of TP53 expression in immortalized choroid plexus epithelial cells results in increased resistance to anticancer agents. Journal of Neuro-Oncology, 2012, 109, 449-455.	1.4	11
154	Methylation of the hTERT promoter is frequent in choroid plexus tumors but not of independent prognostic value. Journal of Neuro-Oncology, 2014, 119, 215-216.	1.4	11
155	A comparative analysis of <scp>MAPK</scp> pathway hallmark alterations in pilocytic astrocytomas: ageâ€related and mutually exclusive. Neuropathology and Applied Neurobiology, 2015, 41, 258-261.	1.8	11
156	Comprehensive profiling of myxopapillary ependymomas identifies a distinct molecular subtype with relapsing disease. Neuro-Oncology, 2022, 24, 1689-1699.	0.6	11
157	No evidence for epidermal growth factor receptor amplification and overexpression in atypical teratoid/rhabdoid tumors. Acta Neuropathologica, 2006, 112, 513-514.	3.9	10
158	Identifying molecular markers for the sensitive detection of residual atypical teratoid rhabdoid tumor cells. Cancer Genetics, 2014, 207, 390-397.	0.2	10
159	Epigenetics impacts upon prognosis and clinical management of choroid plexus tumors. Journal of Neuro-Oncology, 2020, 148, 39-45.	1.4	10
160	Nitric oxide synthase is up-regulated in muscle fibers in muscular dystrophy. Biochemical and Biophysical Research Communications, 2006, 348, 259-264.	1.0	9
161	Intramedullary Spinal Cord Metastasis as Initial Presentation of Systemic Cancer - Report of a Rare Case. Zentralblatt Fur Neurochirurgie, 2007, 68, 214-216.	0.5	9
162	Tyrosinase immunohistochemistry can be employed for the diagnosis of atypical teratoid/rhabdoid tumours of the tyrosinase subgroup (ATRTâ€TYR). Neuropathology and Applied Neurobiology, 2020, 46, 186-189.	1.8	9

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163	Posterior fossa pilocytic astrocytomas with oligodendroglial features show frequent FGFR1 activation via fusion or mutation. Acta Neuropathologica, 2020, 139, 403-406.	3.9	9
164	Infants and Newborns with Atypical Teratoid Rhabdoid Tumors (ATRT) and Extracranial Malignant Rhabdoid Tumors (eMRT) in the EU-RHAB Registry: A Unique and Challenging Population. Cancers, 2022, 14, 2185.	1.7	9
165	Corticobasal degeneration presenting with progressive spasticity. Neurology, 2007, 68, 791-792.	1.5	8
166	Extent of surgical resection but not myxopapillary versus classical histopathological subtype affects prognosis in lumboâ€sacral ependymomas. Histopathology, 2009, 54, 260-262.	1.6	8
167	Role of neoadjuvant chemotherapy in congenital intracranial haemangiopericytoma. Pediatric Blood and Cancer, 2011, 56, 161-163.	0.8	8
168	Atypical teratoid/rhabdoid tumor arising in a malignant glioma. Pediatric Blood and Cancer, 2017, 64, 96-99.	0.8	8
169	From glioblastoma to gangliocytoma: an unforeseen but welcome shift in biological behavior. Journal of Neurosurgery: Pediatrics, 2009, 4, 475-478.	0.8	7
170	SMAD dependent signaling plays a detrimental role in a fly model of SMARCB1-deficiency and the biology of atypical teratoid/rhabdoid tumors. Journal of Neuro-Oncology, 2017, 131, 477-484.	1.4	7
171	Two molecularly distinct atypical teratoid/rhabdoid tumors (or tumor components) occurring in an infant with rhabdoid tumor predisposition syndrome 1. Acta Neuropathologica, 2019, 137, 847-850.	3.9	7
172	Functional relevance of genes predicted to be affected by epigenetic alterations in atypical teratoid/rhabdoid tumors. Journal of Neuro-Oncology, 2019, 141, 43-55.	1.4	7
173	Clinical evidence for a biological effect of epigenetically active decitabine in relapsed or progressive rhabdoid tumors. Pediatric Blood and Cancer, 2021, 68, e29267.	0.8	7
174	Genetic and epigenetic characterization of posterior pituitary tumors. Acta Neuropathologica, 2021, 142, 1025-1043.	3.9	7
175	Spatial molecular profiling of a central nervous system lowâ€grade diffusely infiltrative tumour with INI1 deficiency featuring a highâ€grade atypical teratoid/rhabdoid tumour component. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	7
176	Frequency of unexpected and important histopathological findings in routine intervertebral disc surgery. Journal of Neurosurgery: Spine, 2006, 4, 20-23.	0.9	6
177	Papillary tumor of the pineal region with anaplastic small cell component. Journal of Neuro-Oncology, 2013, 115, 127-130.	1.4	6
178	Primary rhabdoid tumor of the ovary: When large cells become small cells. Gynecologic Oncology Reports, 2015, 12, 64-66.	0.3	6
179	Inhibition of nuclear export restores nuclear localization and residual tumor suppressor function of truncated SMARCB1/INI1 protein in a molecular subset of atypical teratoid/rhabdoid tumors. Acta Neuropathologica, 2021, 142, 361-374.	3.9	6
180	Persistent Macrocytosis Following Abstinence From Chronic Alcohol Use. JAMA - Journal of the American Medical Association, 2001, 286, 2946.	3.8	5

#	Article	IF	Citations
181	PAX2 is an antiapoptotic molecule with deregulated expression in medulloblastoma. International Journal of Oncology, 2012, 41, 235-41.	1.4	5
182	Reduced histone H3 K27 trimethylation is encountered in about 50% of atypical teratoid/rhabdoid tumors (AT/RT) but is not associated with molecular subgroup status and outcome. Acta Neuropathologica, 2017, 134, 817-818.	3.9	5
183	Identification of genes functionally involved in the detrimental effects of mutant histone H3.3-K27M in Drosophila melanogaster. Neuro-Oncology, 2019, 21, 628-639.	0.6	5
184	Atypical Teratoid/Rhabdoid Tumor (AT/RT) With Molecular Features of Pleomorphic Xanthoastrocytoma. American Journal of Surgical Pathology, 2021, 45, 1228-1234.	2.1	5
185	Transposable element insertion as a mechanism of <scp>SMARCB1</scp> inactivation in atypical teratoid/rhabdoid tumor. Genes Chromosomes and Cancer, 2021, 60, 586-590.	1.5	5
186	Lowâ€grade diffusely infiltrative tumour (LGDIT), SMARCB1â€mutant: A clinical and histopathological distinct entity showing epigenetic similarity with ATRTâ€MYC. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	5
187	Astrocytic gene expression profiling upon hypoxia. NeuroReport, 2006, 17, 51-54.	0.6	4
188	Role of Wnt inhibitory factorâ€1 and Wnt/wingless signaling in choroid plexus tumors. Pediatric Blood and Cancer, 2009, 53, 1152-1155.	0.8	4
189	Prenatal Presentation of a Metastasizing Rhabdoid Tumor With Homozygous Deletion of the SMARCB1 Gene. Journal of Clinical Oncology, 2010, 28, e688-e691.	0.8	4
190	Choroid plexus papilloma in a beluga whale (Delphinapterus leucas). Journal of Veterinary Diagnostic Investigation, 2016, 28, 461-463.	0.5	4
191	Bony Fusion through an Empty Cervical Disc Interspace Implant. Zentralblatt Fur Neurochirurgie, 2007, 68, 139-141.	0.5	3
192	SWI/SNF-Komplex-assoziierte Tumordispositions-Syndrome. Medizinische Genetik, 2017, 29, 296-305.	0.1	3
193	Glial papillary tumour of the spinal cord with <scp>SMARCB</scp>1/<scp>INI</scp>1â€loss and favourable longâ€term outcome. Neuropathology and Applied Neurobiology, 2018, 44, 229-232.	1.8	3
194	EMBR-08. CHOROID PLEXUS TUMORS IN 2018: THE CPT-SIOP EXPERIENCE AND LONG-TERM OUTCOME. Neuro-Oncology, 2018, 20, i70-i70.	0.6	3
195	Haematological abnormalities in early abstinent alcoholics are closely associated with alterations in thrombopoietin and erythropoietin serum profiles. Thrombosis and Haemostasis, 1999, 82, 1422-7.	1.8	3
196	SMARCB1-deficient and SMARCA4-deficient Malignant Brain Tumors With Complex Copy Number Alterations and TP53 Mutations May Represent the First Clinical Manifestation of Li-Fraumeni Syndrome. American Journal of Surgical Pathology, 2022, 46, 1277-1283.	2.1	3
197	Hypothalamic Papillary Tumor in a Patient With Tuberous Sclerosis. American Journal of Surgical Pathology, 2008, 32, 1578-1580.	2.1	2
198	SonoGraphic monitoring of severe focal Bâ€cell myositis of the anterior calf muscle responsive to rituximab. Muscle and Nerve, 2015, 52, 911-913.	1.0	2

#	Article	IF	Citations
199	ZNS-Tumoren. , 2018, , 359-418.		2
200	ATRT-11. MOLECULAR SUBGROUPS OF ATYPICAL TERATOID/RHABDOID TUMOR (ATRT): TOWARDS A CONSENSUS. Neuro-Oncology, 2018, 20, i29-i29.	0.6	1
201	Aggressive Hematopoietic Malignancy Characterized by Biallelic Loss of SMARCB1. JCO Precision Oncology, 2020, 4, 1280-1284.	1.5	1
202	A malignant choroid plexus tumour with prevailing immature blastematous elements. Neuropathology and Applied Neurobiology, 2022, 48, .	1.8	1
203	<scp>DNA</scp> methylation profiling of central nervous system hemangioblastomas identifies two distinct subgroups. Brain Pathology, 0, , .	2.1	1
204	How satisfied are authors with our service?. Acta Neuropathologica, 2008, 116, 671-672.	3.9	0
205	Lack of MGMT promoter hypermethylation in hemangiopericytomas of the central nervous system. Journal of Neuro-Oncology, 2012, 110, 303-304.	1.4	0
206	Abstract 1548: Potent activity of CAR T cells targeting the oncofetal protein GPC2 engineered to recognize low antigen density in neuroblastoma. , 2021, , .		0