Andrey G Korshunov

List of Publications by Year
in descending order

259	46,649	1893 102	1980 206
papers	citations	h-index	g-index

273	273	273	33593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinically Tractable Outcome Prediction of Non-WNT/Non-SHH Medulloblastoma Based on TPD52 IHC in a Multicohort Study. Clinical Cancer Research, 2022, 28, 116-128.	7.0	8
2	Pleomorphic xanthoastrocytoma is a heterogeneous entity with pTERT mutations prognosticating shorter survival. Acta Neuropathologica Communications, 2022, 10, 5.	5.2	12
3	Predictive modeling of resistance to SMO-inhibition in a patient-derived orthotopic xenograft model of SHH medulloblastoma. Neuro-Oncology Advances, 2022, 4, vdac026.	0.7	1
4	Oligosarcomas, IDH-mutant are distinct and aggressive. Acta Neuropathologica, 2022, 143, 263-281.	7.7	18
5	Gene expression profiling of Group 3 medulloblastomas defines a clinically tractable stratification based on KIRREL2 expression. Acta Neuropathologica, 2022, 144, 339-352.	7.7	5
6	CSF1R inhibition depletes tumor-associated macrophages and attenuates tumor progression in a mouse sonic Hedgehog-Medulloblastoma model. Oncogene, 2021, 40, 396-407.	5.9	35
7	Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. Acta Neuropathologica, 2021, 141, 85-100.	7.7	52
8	Accurate calling of KIAA1549â€BRAF fusions from DNA of human brain tumours using methylation arrayâ€based copy number and gene panel sequencing data. Neuropathology and Applied Neurobiology, 2021, 47, 406-414.	3.2	12
9	A subset of pediatric-type thalamic gliomas share a distinct DNA methylation profile, H3K27me3 loss and frequent alteration of EGFR. Neuro-Oncology, 2021, 23, 34-43.	1.2	75
10	Thrombospondin-1 mimetics are promising novel therapeutics for MYC-associated medulloblastoma. Neuro-Oncology Advances, 2021, 3, vdab002.	0.7	2
11	ABCB1 inhibition provides a novel therapeutic target to block TWIST1-induced migration in medulloblastoma. Neuro-Oncology Advances, 2021, 3, vdab030.	0.7	2
12	A Set of Cell Lines Derived from a Genetic Murine Glioblastoma Model Recapitulates Molecular and Morphological Characteristics of Human Tumors. Cancers, 2021, 13, 230.	3.7	13
13	Molecular analysis of pediatric CNS-PNET revealed nosologic heterogeneity and potent diagnostic markers for CNS neuroblastoma with FOXR2-activation. Acta Neuropathologica Communications, 2021, 9, 20.	5.2	23
14	Integrated molecular analysis of adult sonic hedgehog (SHH)-activated medulloblastomas reveals two clinically relevant tumor subsets with VEGFA as potent prognostic indicator. Neuro-Oncology, 2021, 23, 1576-1585.	1.2	7
15	Integrated molecular and clinical analysis of low-grade gliomas in children with neurofibromatosis type 1 (NF1). Acta Neuropathologica, 2021, 141, 605-617.	7.7	36
16	Ultra high-risk PFA ependymoma is characterized by loss of chromosome 6q. Neuro-Oncology, 2021, 23, 1360-1370.	1.2	46
17	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. Journal of Clinical Oncology, 2021, 39, 807-821.	1.6	40
18	The age of adult pilocytic astrocytoma cells. Oncogene, 2021, 40, 2830-2841.	5.9	6

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19	Glioblastomas with primitive neuronal component harbor a distinct methylation and copy-number profile with inactivation of TP53, PTEN, and RB1. Acta Neuropathologica, 2021, 142, 179-189.	7.7	24
20	Carbon ion radiotherapy eradicates medulloblastomas with chromothripsis in an orthotopic Li-Fraumeni patient-derived mouse model. Neuro-Oncology, 2021, 23, 2028-2041.	1.2	7
21	Therapeutic implications of improved molecular diagnostics for rare CNS embryonal tumor entities: results of an international, retrospective study. Neuro-Oncology, 2021, 23, 1597-1611.	1.2	22
22	PATZ1 fusions define a novel molecularly distinct neuroepithelial tumor entity with a broad histological spectrum. Acta Neuropathologica, 2021, 142, 841-857.	7.7	36
23	Recurrent fusions in PLAGL1 define a distinct subset of pediatric-type supratentorial neuroepithelial tumors. Acta Neuropathologica, 2021, 142, 827-839.	7.7	33
24	Subgroup and subtype-specific outcomes in adult medulloblastoma. Acta Neuropathologica, 2021, 142, 859-871.	7.7	34
25	Radiation-induced gliomas represent H3-/IDH-wild type pediatric gliomas with recurrent PDGFRA amplification and loss of CDKN2A/B. Nature Communications, 2021, 12, 5530.	12.8	24
26	GOPC:ROS1 and other ROS1 fusions represent a rare but recurrent drug target in a variety of glioma types. Acta Neuropathologica, 2021, 142, 1065-1069.	7.7	16
27	Molecular profiling of pediatric meningiomas shows tumor characteristics distinct from adult meningiomas. Acta Neuropathologica, 2021, 142, 873-886.	7.7	12
28	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	12.8	237
29	Targeting integrated epigenetic and metabolic pathways in lethal childhood PFA ependymomas. Science Translational Medicine, 2021, 13, eabc0497.	12.4	29
30	Co-activation of Sonic hedgehog and Wnt signaling in murine retinal precursor cells drives ocular lesions with features of intraocular medulloepithelioma. Oncogenesis, 2021, 10, 78.	4.9	0
31	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.	7.7	83
32	Posterior fossa pilocytic astrocytomas with oligodendroglial features show frequent FGFR1 activation via fusion or mutation. Acta Neuropathologica, 2020, 139, 403-406.	7.7	9
33	YAP1-fusions in pediatric NF2-wildtype meningioma. Acta Neuropathologica, 2020, 139, 215-218.	7.7	45
34	Molecular subgrouping of primary pineal parenchymal tumors reveals distinct subtypes correlated with clinical parameters and genetic alterations. Acta Neuropathologica, 2020, 139, 243-257.	7.7	50
35	Transcriptional profiling of medulloblastoma with extensive nodularity (MBEN) reveals two clinically relevant tumor subsets with VSNL1 as potent prognostic marker. Acta Neuropathologica, 2020, 139, 583-596.	7.7	13
36	Diffuse glioneuronal tumour with oligodendrogliomaâ€like features and nuclear clusters (DGONC) â€“ a molecularly defined glioneuronal CNS tumour class displaying recurrent monosomy 14. Neuropathology and Applied Neurobiology, 2020, 46, 422-430.	3.2	51

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37	Mosaic trisomy of chromosome 1q in human brain tissue associates with unilateral polymicrogyria, very early-onset focal epilepsy, and severe developmental delay. Acta Neuropathologica, 2020, 140, 881-891.	7.7	28
38	Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. Cell, 2020, 183, 1617-1633.e22.	28.9	93
39	Functional loss of a noncanonical BCORâ€“PRC1.1 complex accelerates SHH-driven medulloblastoma formation. Genes and Development, 2020, 34, 1161-1176.	5.9	16
40	Glioblastoma epigenome profiling identifies SOX10 as a master regulator of molecular tumour subtype. Nature Communications, 2020, 11, 6434.	12.8	48
41	An optimized workflow to improve reliability of detection of KIAA1549:BRAF fusions from RNA sequencing data. Acta Neuropathologica, 2020, 140, 237-239.	7.7	5
42	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. Nature, 2020, 580, 396-401.	27.8	94
43	ETMR: a tumor entity in its infancy. Acta Neuropathologica, 2020, 140, 249-266.	7.7	47
44	Pilocytic astrocytoma demethylation and transcriptional landscapes link bZIP transcription factors to immune response. Neuro-Oncology, 2020, 22, 1327-1338.	1.2	10
45	Pan-cancer analysis of whole genomes. Nature, 2020, 578, 82-93.	27.8	1,966
46	Nonmetastatic Medulloblastoma of Early Childhood: Results From the Prospective Clinical Trial HIT-2000 and An Extended Validation Cohort. Journal of Clinical Oncology, 2020, 38, 2028-2040.	1.6	58
47	Infant High-Grade Gliomas Comprise Multiple Subgroups Characterized by Novel Targetable Gene Fusions and Favorable Outcomes. Cancer Discovery, 2020, 10, 942-963.	9.4	157
48	MYCN amplification drives an aggressive form of spinal ependymoma. Acta Neuropathologica, 2019, 138, 1075-1089.	7.7	104
49	Routine RNA sequencing of formalin-fixed paraffin-embedded specimens in neuropathology diagnostics identifies diagnostically and therapeutically relevant gene fusions. Acta Neuropathologica, 2019, 138, 827-835.	7.7	42
50	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.	6.4	74
51	Tumors diagnosed as cerebellar glioblastoma comprise distinct molecular entities. Acta Neuropathologica Communications, 2019, 7, 163.	5.2	37
52	YAP1 subgroup supratentorial ependymoma requires TEAD and nuclear factor I-mediated transcriptional programmes for tumorigenesis. Nature Communications, 2019, 10, 3914.	12.8	65
53	Identification of CD24 as a marker of Patched1 deleted medulloblastoma-initiating neural progenitor cells. PLoS ONE, 2019, 14, e0210665.	2.5	5
54	GENE-13. PEDIATRIC MENINGIOMAS ARE CHARACTERIZED BY DISTINCT METHYLATION PROFILES DIFFERENT FROM ADULT MENINGIOMAS. Neuro-Oncology, 2019, 21, ii83-ii84.	1.2	0

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55	Second-generation molecular subgrouping of medulloblastoma: an international meta-analysis of Group 3 and Group 4 subtypes. Acta Neuropathologica, 2019, 138, 309-326.	7.7	180
56	Intratumoral platelet aggregate formation in a murine preclinical glioma model depends on podoplanin expression on tumor cells. Blood Advances, 2019, 3, 1092-1102.	5.2	25
57	Acyl-CoA-Binding Protein Drives Glioblastoma Tumorigenesis by Sustaining Fatty Acid Oxidation. Cell Metabolism, 2019, 30, 274-289.e5.	16.2	115
58	Molecular progression of SHH-activated medulloblastomas. Acta Neuropathologica, 2019, 138, 327-330.	7.7	2
59	Desmoplastic/nodular medulloblastomas (DNMB) and medulloblastomas with extensive nodularity (MBEN) disclose similar epigenetic signatures but different transcriptional profiles. Acta Neuropathologica, 2019, 137, 1003-1015.	7.7	9
60	Papillary glioneuronal tumor (PGNT) exhibits a characteristic methylation profile and fusions involving PRKCA. Acta Neuropathologica, 2019, 137, 837-846.	7.7	43
61	The molecular landscape of ETMR at diagnosis and relapse. Nature, 2019, 576, 274-280.	27.8	94
62	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.	16.8	65
63	Primary intracranial sarcomas with DICER1 mutation often contain prominent eosinophilic cytoplasmic globules and can occur in the setting of neurofibromatosis type 1. Acta Neuropathologica, 2019, 137, 521-525.	7.7	51
64	Integrated molecular characterization of <scp>IDH</scp>â€mutant glioblastomas. Neuropathology and Applied Neurobiology, 2019, 45, 108-118.	3.2	68
65	The Senescence-associated Secretory Phenotype Mediates Oncogene-induced Senescence in Pediatric Pilocytic Astrocytoma. Clinical Cancer Research, 2019, 25, 1851-1866.	7.0	55
66	DNA methylation profiling is a method of choice for molecular verification of pediatric WNT-activated medulloblastomas. Neuro-Oncology, 2019, 21, 214-221.	1.2	31
67	Novel, improved grading system(s) for IDH-mutant astrocytic gliomas. Acta Neuropathologica, 2018, 136, 153-166.	7.7	298
68	Deep sequencing of WNT-activated medulloblastomas reveals secondary SHH pathway activation. Acta Neuropathologica, 2018, 135, 635-638.	7.7	17
69	Therapeutic targeting of ependymoma as informed by oncogenic enhancer profiling. Nature, 2018, 553, 101-105.	27.8	170
70	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	27.8	1,872
71	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.	7.7	190
72	Molecular characterization of medulloblastomas with extensive nodularity (MBEN). Acta Neuropathologica, 2018, 136, 303-313.	7.7	20

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73	Lateral cerebellum is preferentially sensitive to high sonic hedgehog signaling and medulloblastoma formation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3392-3397.	7.1	34
74	Epithelioid glioblastomas stratify into established diagnostic subsets upon integrated molecular analysis. Brain Pathology, 2018, 28, 656-662.	4.1	89
75	Defective DNA damage repair leads to frequent catastrophic genomic events in murine and human tumors. Nature Communications, 2018, 9, 4760.	12.8	66
76	A biobank of patient-derived pediatric brain tumor models. Nature Medicine, 2018, 24, 1752-1761.	30.7	124
77	Aberrant ERBB4-SRC Signaling as a Hallmark of Group 4 Medulloblastoma Revealed by Integrative Phosphoproteomic Profiling. Cancer Cell, 2018, 34, 379-395.e7.	16.8	104
78	Proteomics, Post-translational Modifications, and Integrative Analyses Reveal Molecular Heterogeneity within Medulloblastoma Subgroups. Cancer Cell, 2018, 34, 396-410.e8.	16.8	146
79	Risk-adapted therapy for young children with medulloblastoma (SJYC07): therapeutic and molecular outcomes from a multicentre, phase 2 trial. Lancet Oncology, The, 2018, 19, 768-784.	10.7	151
80	Molecularly defined diffuse leptomeningeal glioneuronal tumor (DLGNT) comprises two subgroups with distinct clinical and genetic features. Acta Neuropathologica, 2018, 136, 239-253.	7.7	118
81	Duplications of KIAA1549 and BRAF screening by Droplet Digital PCR from formalin-fixed paraffin-embedded DNA is an accurate alternative for KIAA1549-BRAF fusion detection in pilocytic astrocytomas. Modern Pathology, 2018, 31, 1490-1501.	5.5	29
82	FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. Acta Neuropathologica, 2018, 136, 293-302.	7.7	56
83	Practical implementation of DNA methylation and copy-number-based CNS tumor diagnostics: the Heidelberg experience. Acta Neuropathologica, 2018, 136, 181-210.	7.7	308
84	Desmoplastic Infantile Ganglioglioma/Astrocytoma (DIG/DIA) Are Distinct Entities with Frequent BRAFV600 Mutations. Molecular Cancer Research, 2018, 16, 1491-1498.	3.4	39
85	Heterogeneity within the PF-EPN-B ependymoma subgroup. Acta Neuropathologica, 2018, 136, 227-237.	7.7	86
86	Myxoid glioneuronal tumor of the septum pellucidum and lateral ventricle is defined by a recurrent PDGFRA p.K385 mutation and DNT-like methylation profile. Acta Neuropathologica, 2018, 136, 339-343.	7.7	37
87	Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. Lancet Oncology, The, 2018, 19, 785-798.	10.7	268
88	Primary intracranial spindle cell sarcoma with rhabdomyosarcoma-like features share a highly distinct methylation profile and DICER1 mutations. Acta Neuropathologica, 2018, 136, 327-337.	7.7	104
89	Molecular heterogeneity and CXorf67 alterations in posterior fossa group A (PFA) ependymomas. Acta Neuropathologica, 2018, 136, 211-226.	7.7	199
90	Genetic confirmation that ependymoma can arise as part of multiple endocrine neoplasia type 1 (MEN1) syndrome. Acta Neuropathologica, 2017, 133, 661-663.	7.7	11

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91	Genomic profiling of Acute lymphoblastic leukemia in ataxia telangiectasia patients reveals tight link between ATM mutations and chromothripsis. Leukemia, 2017, 31, 2048-2056.	7.2	47
92	Spatial heterogeneity in medulloblastoma. Nature Genetics, 2017, 49, 780-788.	21.4	112
93	H3-/IDH-wild type pediatric glioblastoma is comprised of molecularly and prognostically distinct subtypes with associated oncogenic drivers. Acta Neuropathologica, 2017, 134, 507-516.	7.7	144
94	Novel MYC-driven medulloblastoma models from multiple embryonic cerebellar cells. Oncogene, 2017, 36, 5231-5242.	5.9	43
95	Preclinical drug screen reveals topotecan, actinomycin D, and volasertib as potential new therapeutic candidates for ETMR brain tumor patients. Neuro-Oncology, 2017, 19, 1607-1617.	1.2	39
96	Telomerase activation in posterior fossa group A ependymomas is associated with dismal prognosis and chromosome 1q gain. Neuro-Oncology, 2017, 19, 1183-1194.	1.2	31
97	Chd7 is indispensable for mammalian brain development through activation of a neuronal differentiation programme. Nature Communications, 2017, 8, 14758.	12.8	118
98	Gain of 12p encompassing CCND2 is associated with gemistocytic histology in IDH mutant astrocytomas. Acta Neuropathologica, 2017, 133, 325-327.	7.7	12
99	DNA-methylation profiling discloses significant advantages over NanoString method for molecular classification of medulloblastoma. Acta Neuropathologica, 2017, 134, 965-967.	7.7	38
100	A mouse model for embryonal tumors with multilayered rosettes uncovers the therapeutic potential of Sonic-hedgehog inhibitors. Nature Medicine, 2017, 23, 1191-1202.	30.7	38
101	The whole-genome landscape of medulloblastoma subtypes. Nature, 2017, 547, 311-317.	27.8	787
102	HGNET-BCOR Tumors of the Cerebellum. American Journal of Surgical Pathology, 2017, 41, 1254-1260.	3.7	49
103	Immunohistochemical analysis of H3K27me3 demonstrates global reduction in group-A childhood posterior fossa ependymoma and is a powerful predictor of outcome. Acta Neuropathologica, 2017, 134, 705-714.	7.7	168
104	The current consensus on the clinical management of intracranial ependymoma and its distinct molecular variants. Acta Neuropathologica, 2017, 133, 5-12.	7.7	271
105	Quantification of telomere features in tumor tissue sections by an automated 3D imaging-based workflow. Methods, 2017, 114, 60-73.	3.8	15
106	Cribriform neuroepithelial tumor: molecular characterization of a SMARCB1â€deficient nonâ€rhabdoid tumor with favorable longâ€term outcome. Brain Pathology, 2017, 27, 411-418.	4.1	58
107	Integrating Tenascin-C protein expression and 1q25 copy number status in pediatric intracranial ependymoma prognostication: A new model for risk stratification. PLoS ONE, 2017, 12, e0178351.	2.5	15
108	Droplet digital PCR is a powerful technique to demonstrate frequent FGFR1 duplication in dysembryoplastic neuroepithelial tumors. Oncotarget, 2017, 8, 2104-2113.	1.8	39

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109	Establishment and application of a novel patient-derived KIAA1549:BRAF-driven pediatric pilocytic astrocytoma model for preclinical drug testing. Oncotarget, 2017, 8, 11460-11479.	1.8	43
110	Pediatric Targeted Therapy: Clinical Feasibility of Personalized Diagnostics in Children with Relapsed and Progressive Tumors. Brain Pathology, 2016, 26, 506-516.	4.1	14
111	Epithelioid Glioblastomas and Anaplastic Epithelioid Pleomorphic Xanthoastrocytomasâ€"Same Entity or First Cousins?. Brain Pathology, 2016, 26, 215-223.	4.1	95
112	Differential nuclear <scp>ATRX</scp> expression in sarcomas. Histopathology, 2016, 68, 738-745.	2.9	19
113	Papillary Tumor of the Pineal Region: A Distinct Molecular Entity. Brain Pathology, 2016, 26, 199-205.	4.1	39
114	Telomere dysfunction and chromothripsis. International Journal of Cancer, 2016, 138, 2905-2914.	5.1	42
115	Somatic mutations of DICER1 and KMT2D are frequent in intraocular medulloepitheliomas. Genes Chromosomes and Cancer, 2016, 55, 418-427.	2.8	34
116	FBW7 suppression leads to SOX9 stabilization and increased malignancy in medulloblastoma. EMBO Journal, 2016, 35, 2192-2212.	7.8	58
117	Poorly differentiated chordoma with SMARCB1/INI1 loss: a distinct molecular entity with dismal prognosis. Acta Neuropathologica, 2016, 132, 149-151.	7.7	127
118	Nestin Mediates Hedgehog Pathway Tumorigenesis. Cancer Research, 2016, 76, 5573-5583.	0.9	28
119	Recurrent MET fusion genes represent a drug target in pediatric glioblastoma. Nature Medicine, 2016, 22, 1314-1320.	30.7	183
120	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. Journal of Clinical Oncology, 2016, 34, 2468-2477.	1.6	160
121	Active medulloblastoma enhancers reveal subgroup-specific cellular origins. Nature, 2016, 530, 57-62.	27.8	318
122	Divergent clonal selection dominates medulloblastoma at recurrence. Nature, 2016, 529, 351-357.	27.8	266
123	Next-generation sequencing in routine brain tumor diagnostics enables an integrated diagnosis and identifies actionable targets. Acta Neuropathologica, 2016, 131, 903-910.	7.7	203
124	Distinct Histomorphology in Molecular Subgroups of Glioblastomas in Young Patients. Journal of Neuropathology and Experimental Neurology, 2016, 75, 408-414.	1.7	35
125	Tissue Factor Regulation by miR-520g in Primitive Neuronal Brain Tumor Cells. American Journal of Pathology, 2016, 186, 446-459.	3.8	32
126	Methylation profiling of choroid plexus tumors reveals 3 clinically distinct subgroups. Neuro-Oncology, 2016, 18, 790-796.	1.2	67

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127	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. Cancer Cell, 2016, 29, 379-393.	16.8	438
128	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. Cell, 2016, 164, 1060-1072.	28.9	702
129	Prognostic value of medulloblastoma extent of resection after accounting for molecular subgroup: a retrospective integrated clinical and molecular analysis. Lancet Oncology, The, 2016, 17, 484-495.	10.7	274
130	Histologically distinct neuroepithelial tumors with histone 3 G34 mutation are molecularly similar and comprise a single nosologic entity. Acta Neuropathologica, 2016, 131, 137-146.	7.7	162
131	Low-dose Actinomycin-D treatment re-establishes the tumoursuppressive function of P53 in RELA-positive ependymoma. Oncotarget, 2016, 7, 61860-61873.	1.8	27
132	Comparative integrated molecular analysis of intraocular medulloepitheliomas and central nervous system embryonal tumors with multilayered rosettes confirms that they are distinct nosologic entities. Neuropathology, 2015, 35, 538-544.	1.2	38
133	Molecular Classification of Ependymal Tumors across All CNS Compartments, Histopathological Grades, and Age Groups. Cancer Cell, 2015, 27, 728-743.	16.8	933
134	Molecular profiling of long-term survivors identifies a subgroup of glioblastoma characterized by chromosome 19/20 co-gain. Acta Neuropathologica, 2015, 130, 419-434.	7.7	74
135	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.	7.7	272
136	A comprehensive assessment of somatic mutation detection in cancer using whole-genome sequencing. Nature Communications, 2015, 6, 10001.	12.8	266
137	Medulloblastoma subgroups remain stable across primary and metastatic compartments. Acta Neuropathologica, 2015, 129, 449-457.	7.7	80
138	Ependymoma. Molecular Pathology Library, 2015, , 67-75.	0.1	0
139	Long-term survival in a case of ETANTR with histological features of neuronal maturation after therapy. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2015, 466, 603-607.	2.8	19
140	Integrated analysis of pediatric glioblastoma reveals a subset of biologically favorable tumors with associated molecular prognostic markers. Acta Neuropathologica, 2015, 129, 669-678.	7.7	277
141	Intraocular Medulloepitheliomas and Embryonal Tumors With Multilayered Rosettes of the Brain: Comparative Roles of LIN28A and C19MC. American Journal of Ophthalmology, 2015, 159, 1065-1074.e1.	3.3	28
142	Adult IDH wild type astrocytomas biologically and clinically resolve into other tumor entities. Acta Neuropathologica, 2015, 130, 407-417.	7.7	237
143	Somatic CRISPR/Cas9-mediated tumour suppressor disruption enables versatile brain tumour modelling. Nature Communications, 2015, 6, 7391.	12.8	244
144	Targeting class I histone deacetylase 2 in MYC amplified group 3 medulloblastoma. Acta Neuropathologica Communications, 2015, 3, 22.	5.2	66

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145	Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype. Clinical Cancer Research, 2015, 21, 3750-3758.	7.0	40
146	<scp>P</scp>aired box gene 8 (<scp>PAX8</scp>) expression is associated with sonic hedgehog (<scp>SHH</scp>)/wingless int (<scp>WNT</scp>) subtypes, desmoplastic histology and patient survival in human medulloblastomas. Neuropathology and Applied Neurobiology, 2015, 41, 165-179.	3.2	4
147	Medulloepithelioma with peculiar clinical presentation, stem cell phenotype and aberrant DNA-methylation profile. CNS Oncology, 2015, 4, 203-212.	3.0	3
148	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.	7.7	378
149	Foretinib Is Effective Therapy for Metastatic Sonic Hedgehog Medulloblastoma. Cancer Research, 2015, 75, 134-146.	0.9	51
150	Non-random aneuploidy specifies subgroups of pilocytic astrocytoma and correlates with older age. Oncotarget, 2015, 6, 31844-31856.	1.8	14
151	Specific detection of methionine 27 mutation in histone 3 variants (H3K27M) in fixed tissue from high-grade astrocytomas. Acta Neuropathologica, 2014, 128, 733-741.	7.7	116
152	Overcoming multiple drug resistance mechanisms in medulloblastoma. Acta Neuropathologica Communications, 2014, 2, 57.	5.2	49
153	WNT activation by lithium abrogates TP53 mutation associated radiation resistance in medulloblastoma. Acta Neuropathologica Communications, 2014, 2, 174.	5.2	37
154	Targeting Self-Renewal in High-Grade Brain Tumors Leads to Loss of Brain Tumor Stem Cells and Prolonged Survival. Cell Stem Cell, 2014, 15, 185-198.	11.1	123
155	Epigenomic alterations define lethal CIMP-positive ependymomas of infancy. Nature, 2014, 506, 445-450.	27.8	521
156	Genome Sequencing of SHH Medulloblastoma Predicts Genotype-Related Response to Smoothened Inhibition. Cancer Cell, 2014, 25, 393-405.	16.8	627
157	Prognostic significance of clinical, histopathological, and molecular characteristics of medulloblastomas in the prospective HIT2000 multicenter clinical trial cohort. Acta Neuropathologica, 2014, 128, 137-149.	7.7	125
158	Decoding the regulatory landscape of medulloblastoma using DNA methylation sequencing. Nature, 2014, 510, 537-541.	27.8	378
159	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.	7.7	191
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