Annika K Wefers

List of Publications by Year
in descending order

45	4,459	236925 25	265206 42
papers	citations	h-index	g-index

47	47	47	5978
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	27.8	1,872
2	DNA methylation-based classification and grading system for meningioma: a multicentre, retrospective analysis. Lancet Oncology, The, 2017, 18, 682-694.	10.7	586
3	Practical implementation of DNA methylation and copy-number-based CNS tumor diagnostics: the Heidelberg experience. Acta Neuropathologica, 2018, 136, 181-210.	7.7	308
4	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	12.8	237
5	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
6	IDH-wildtype glioblastomas and grade III/IV IDH-mutant gliomas show elevated tracer uptake in fibroblast activation proteinâ€“specific PET/CT. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 2569-2580.	6.4	94
7	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. Journal of Clinical Oncology, 2021, 39, 3839-3852.	1.6	93
8	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
9	Mutational patterns and regulatory networks in epigenetic subgroups of meningioma. Acta Neuropathologica, 2019, 138, 295-308.	7.7	74
10	Fibroblast Activation Proteinâ€“Specific PET/CT Imaging in Fibrotic Interstitial Lung Diseases and Lung Cancer: A Translational Exploratory Study. Journal of Nuclear Medicine, 2022, 63, 127-133.	5.0	72
11	DNA methylation-based reclassification of olfactory neuroblastoma. Acta Neuropathologica, 2018, 136, 255-271.	7.7	59
12	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.	7.7	57
13	FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. Acta Neuropathologica, 2018, 136, 293-302.	7.7	56
14	The Senescence-associated Secretory Phenotype Mediates Oncogene-induced Senescence in Pediatric Pilocytic Astrocytoma. Clinical Cancer Research, 2019, 25, 1851-1866.	7.0	55
15	Subgroup-specific localization of human medulloblastoma based on pre-operative MRI. Acta Neuropathologica, 2014, 127, 931-933.	7.7	53
16	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
17	Papillary glioneuronal tumor (PGNT) exhibits a characteristic methylation profile and fusions involving PRKCA. Acta Neuropathologica, 2019, 137, 837-846.	7.7	43
18	Molecular characterization of histopathological ependymoma variants. Acta Neuropathologica, 2020, 139, 305-318.	7.7	43

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19	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
20	Neurogenesis from Sox2 expressing cells in the adult cerebellar cortex. Scientific Reports, 2017, 7, 6137.	3.3	41
21	<scp>M</scp>i<scp>R</scp>â€34a deficiency accelerates medulloblastoma formation in vivo. International Journal of Cancer, 2015, 136, 2293-2303.	5.1	40
22	68Ga-FAPI-PET/CT improves diagnostic staging and radiotherapy planning of adenoid cystic carcinomas â€“ Imaging analysis and histological validation. Radiotherapy and Oncology, 2021, 160, 192-201.	0.6	40
23	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
24	Tumors diagnosed as cerebellar glioblastoma comprise distinct molecular entities. Acta Neuropathologica Communications, 2019, 7, 163.	5.2	37
25	Rapid detection of 2-hydroxyglutarate in frozen sections of IDH mutant tumors by MALDI-TOF mass spectrometry. Acta Neuropathologica Communications, 2018, 6, 21.	5.2	28
26	Migration of Interneuron Precursors in the Nascent Cerebellar Cortex. Cerebellum, 2018, 17, 62-71.	2.5	19
27	Molecular characterization of CNS paragangliomas identifies cauda equina paragangliomas as a distinct tumor entity. Acta Neuropathologica, 2020, 140, 893-906.	7.7	19
28	Synaptic input as a directional cue for migrating interneuron precursors. Development (Cambridge), 2017, 144, 4125-4136.	2.5	15
29	Overexpression of Lin28b in Neural Stem Cells is Insufficient for Brain Tumor Formation, but Induces Pathological Lobulation of the Developing Cerebellum. Cerebellum, 2017, 16, 122-131.	2.5	14
30	Gain of 12p encompassing CCND2 is associated with gemistocytic histology in IDH mutant astrocytomas. Acta Neuropathologica, 2017, 133, 325-327.	7.7	12
31	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
32	Neurofibromatosis type 2 predisposes to ependymomas of various localization, histology, and molecular subtype. Acta Neuropathologica, 2021, 141, 971-974.	7.7	12
33	Pleomorphic xanthoastrocytoma is a heterogeneous entity with pTERT mutations prognosticating shorter survival. Acta Neuropathologica Communications, 2022, 10, 5.	5.2	12
34	Chordoid meningiomas can be sub-stratified into prognostically distinct DNA methylation classes and are enriched for heterozygous deletions of chromosomal arm 2p. Acta Neuropathologica, 2018, 136, 975-978.	7.7	11
35	Comprehensive profiling of myxopapillary ependymomas identifies a distinct molecular subtype with relapsing disease. Neuro-Oncology, 2022, 24, 1689-1699.	1.2	11
36	Canonical Wnt Signaling Drives Tumor-Like Lesions from Sox2-Positive Precursors of the Murine Olfactory Epithelium. PLoS ONE, 2016, 11, e0166690.	2.5	7

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37	Two Pituitary Neuroendocrine Tumors (PitNETs) with Very High Proliferation and TP53 Mutation â€" High-Grade PitNET or PitNEC?. Endocrine Pathology, 2022, 33, 257-262.	9.0	7
38	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
39	ACTH-secreting pituitary carcinoma with TP53, NF1, ATRX and PTEN mutations Case report and review of the literature. Endocrine, 2022, 76, 228-236.	2.3	5
40	An H3F3A K27Mâ€•mutation in a sonic hedgehog medulloblastoma. Brain Pathology, 2022, 32, e13024.	4.1	2
41	OTHR-41. Amplification of the PLAG family genes â€" PLAGL1 and PLAGL2 â€" is a key feature of a novel embryonal CNS tumor type. Neuro-Oncology, 2022, 24, i156-i156.	1.2	1
42	MODL-11. COMPARISON OF HUMAN & MURINE PA/PXA CHARACTERISTICS. Neuro-Oncology, 2020, 22, iii413-iii413.	1.2	0
43	LGG-33. ISOMORPHIC DIFFUSE GLIOMA HAS RECURRENT GENE FUSIONS OF MYBL1 OR MYB AND CAN BE DISTINGUISHED FROM OTHER MYB/MYBL1 ALTERED GLIOMAS BASED ON A DISTINCT MORPHOLOGY AND DNA METHYLATION PROFILE. Neuro-Oncology, 2020, 22, iii372-iii373.	1.2	0
44	PATH-34. MOLECULAR AND CLINICAL HETEROGENEITY WITHIN SPINAL EPENDYMOMAS. Neuro-Oncology, 2021, 23, vi122-vi122.	1.2	0
45	HGG-45. Characterization of spinal diffuse midline gliomas, H3 K28M-mutant. Neuro-Oncology, 2022, 24, i71-i71.	1.2	0