Melike Pekmezci

List of Publications by Year
in descending order

74	4,474	172457	110387
papers	citations	29 h-index	64 g-index

75	75	75	7428
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intracranial mesenchymal tumors with FETâ€CREB fusion are composed of at least two epigenetic subgroups distinct from meningioma and extracranial sarcomas. Brain Pathology, 2022, 32, e13037.	4.1	11
2	A genetically distinct pediatric subtype of primary CNS large B-cell lymphoma is associated with favorable clinical outcome. Blood Advances, 2022, 6, 3189-3193.	5.2	7
3	Prospective genomically guided identification of â€œearly/evolvingâ€•and â€œundersampledâ€•IDH-wildtype glioblastoma leads to improved clinical outcomes. Neuro-Oncology, 2022, 24, 1749-1762.	1.2	10
4	TRAF7 somatic mosaicism in a patient with bilateral optic nerve sheath meningiomas: illustrative case. Journal of Neurosurgery Case Lessons, 2022, 3, .	0.3	1
5	Targeted Next-Generation Sequencing Reveals Divergent Clonal Evolution in Components of Composite Pleomorphic Xanthoastrocytoma-Ganglioglioma. Journal of Neuropathology and Experimental Neurology, 2022, 81, 650-657.	1.7	5
6	Intratumor and informatic heterogeneity influence meningioma molecular classification. Acta Neuropathologica, 2022, 144, 579-583.	7.7	10
7	Iris and Ciliary Body Melanocytomas Are Defined by Solitary GNAQ Mutation Without Additional Oncogenic Alterations. Ophthalmology, 2022, 129, 1429-1439.	5.2	2
8	A Prognostic Gene-Expression Signature and Risk Score for Meningioma Recurrence After Resection. Neurosurgery, 2021, 88, 202-210.	1.1	19
9	Intracranial mesenchymal tumor with FETâ€CREB fusionâ€”A unifying diagnosis for the spectrum of intracranial myxoid mesenchymal tumors and angiomatoid fibrous histiocytomaâ€like neoplasms. Brain Pathology, 2021, 31, e12918.	4.1	44
10	Loss of fidelity in scanned digital images compared to glass slides of brain tumors resected using cavitron ultrasonic surgical aspirator. Brain Pathology, 2021, 31, e12938.	4.1	2
11	Detection of glioma infiltration at the tumor margin using quantitative stimulated Raman scattering histology. Scientific Reports, 2021, 11, 12162.	3.3	28
12	Aggressive chemotherapy aimed at obviating radiation in two very young infants with disseminated anaplastic ependymoma. Pediatric Hematology Oncology Journal, 2021, , .	0.1	0
13	Clear cell meningiomas are defined by a highly distinct DNA methylation profile and mutations in SMARCE1. Acta Neuropathologica, 2021, 141, 281-290.	7.7	31
14	Preferentially Expressed Antigen in Melanoma (PRAME) Expression in Malignant, but Not Benign, Peripheral Nerve Sheath Tumors. Journal of Neuropathology and Experimental Neurology, 2021, 80, 384-386.	1.7	5
15	Highâ€grade neuroepithelial tumor with BCOR exon 15 internal tandem duplicationâ€”a comprehensive clinical, radiographic, pathologic, and genomic analysis. Brain Pathology, 2020, 30, 46-62.	4.1	69
16	Myxoid glioneuronal tumor, PDGFRA p.K385â€mutant: clinical, radiologic, and histopathologic features. Brain Pathology, 2020, 30, 479-494.	4.1	46
17	Loss of H3K27 trimethylation by immunohistochemistry is frequent in oligodendroglioma, IDH-mutant and 1p/19q-codeleted, but is neither a sensitive nor a specific marker. Acta Neuropathologica, 2020, 139, 597-600.	7.7	9
18	Clinicopathologic and molecular features of intracranial desmoplastic small round cell tumors. Brain Pathology, 2020, 30, 213-225.	4.1	20

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19	Pituitary neuroendocrine tumors (PitNETs): nomenclature evolution, not clinical revolution. Pituitary, 2020, 23, 322-325.	2.9	34
20	Next-Generation Sequencing of Retinoblastoma Identifies Pathogenic Alterations beyond RB1 Inactivation That Correlate with Aggressive Histopathologic Features. Ophthalmology, 2020, 127, 804-813.	5.2	39
21	Intracapsular High-Grade Ductal Carcinoma In-Situ Ex Pleomorphic Adenoma of the Lacrimal Gland. Ophthalmic Plastic and Reconstructive Surgery, 2020, 36, e1-e3.	0.8	5
22	The Meningioma Enhancer Landscape Delineates Novel Subgroups and Drives Druggable Dependencies. Cancer Discovery, 2020, 10, 1722-1741.	9.4	30
23	Meningioma cells express primary cilia but do not transduce ciliary Hedgehog signals. Acta Neuropathologica Communications, 2020, 8, 114.	5.2	8
24	Pediatric meningioma: a clinicopathologic and molecular study with potential grading implications. Brain Pathology, 2020, 30, 1134-1143.	4.1	17
25	Genetic predisposition to longer telomere length and risk of childhood, adolescent and adult-onset ependymoma. Acta Neuropathologica Communications, 2020, 8, 173.	5.2	15
26	The immunohistochemical, DNA methylation, and chromosomal copy number profile of cauda equina paraganglioma is distinct from extra-spinal paraganglioma. Acta Neuropathologica, 2020, 140, 907-917.	7.7	13
27	Multiplatform genomic profiling and magnetic resonance imaging identify mechanisms underlying intratumor heterogeneity in meningioma. Nature Communications, 2020, 11, 4803.	12.8	56
28	Comprehensive analysis of diverse low-grade neuroepithelial tumors with FGFR1 alterations reveals a distinct molecular signature of rosette-forming glioneuronal tumor. Acta Neuropathologica Communications, 2020, 8, 151.	5.2	35
29	Clinical, radiologic, and genetic characteristics of histone H3 K27M-mutant diffuse midline gliomas in adults. Neuro-Oncology Advances, 2020, 2, vdaa142.	0.7	35
30	Adult diffuse glioma GWAS by molecular subtype identifies variants inD2HGDHandFAM20C. Neuro-Oncology, 2020, 22, 1602-1613.	1.2	19
31	Pathology of meningiomas. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 169, 87-99.	1.8	10
32	Gliomas arising in the setting of Li-Fraumeni syndrome stratify into two molecular subgroups with divergent clinicopathologic features. Acta Neuropathologica, 2020, 139, 953-957.	7.7	18
33	Histologic Changes Following Continuous Wave and Micropulse Transscleral Cyclophotocoagulation: A Randomized Comparative Study. Translational Vision Science and Technology, 2020, 9, 22.	2.2	35
34	Pediatric bithalamic gliomas have a distinct epigenetic signature and frequent EGFR exon 20 insertions resulting in potential sensitivity to targeted kinase inhibition. Acta Neuropathologica, 2020, 139, 1071-1088.	7.7	50
35	Low-grade endometrial stromal sarcoma metastatic to the breast: Immunohistochemical and molecular characterization of an unusual mimic of mammary myofibroblastoma. Human Pathology: Case Reports, 2020, 22, 200447.	0.2	2
36	Histopathologic findings in malignant peripheral nerve sheath tumor predict response to radiotherapy and overall survival. Neuro-Oncology Advances, 2020, 2, vdaa131.	0.7	6

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37	The genetic landscape of anaplastic pleomorphic xanthoastrocytoma. Brain Pathology, 2019, 29, 85-96.	4.1	88
38	Telomere alterations in neurofibromatosis type 1-associated solid tumors. Acta Neuropathologica Communications, 2019, 7, 139.	5.2	12
39	Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas. Acta Neuropathologica, 2019, 138, 877-881.	7.7	21
40	Integrated models incorporating radiologic and radiomic features predict meningioma grade, local failure, and overall survival. Neuro-Oncology Advances, 2019, 1, vdz011.	0.7	64
41	Using germline variants to estimate glioma and subtype risks. Neuro-Oncology, 2019, 21, 451-461.	1.2	23
42	The genetic landscape of gliomas arising after therapeutic radiation. Acta Neuropathologica, 2019, 137, 139-150.	7.7	57
43	Clinicopathologic features of anaplastic myxopapillary ependymomas. Brain Pathology, 2019, 29, 75-84.	4.1	25
44	Molecular features and clinical outcomes in surgically treated low-grade diffuse gliomas in patients over the age of 60. Journal of Neuro-Oncology, 2019, 141, 383-391.	2.9	18
45	Identification of high-risk human papillomavirus and Rb/E2F pathway genomic alterations in mutually exclusive subsets of colorectal neuroendocrine carcinoma. Modern Pathology, 2019, 32, 290-305.	5.5	45
46	Choroidal Lymphoma Discovered on Ultrasound in a Patient with Suspected Corneal Tumor. Ocular Oncology and Pathology, 2018, 4, 318-321.	1.0	2
47	Multinodular and vacuolating neuronal tumor of the cerebrum is a clonal neoplasm defined by genetic alterations that activate the MAP kinase signaling pathway. Acta Neuropathologica, 2018, 135, 485-488.	7.7	54
48	Comprehensive Molecular Profiling Identifies FOXM1 as a Key Transcription Factor for Meningioma Proliferation. Cell Reports, 2018, 22, 3672-3683.	6.4	95
49	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
50	The genetic landscape of ganglioglioma. Acta Neuropathologica Communications, 2018, 6, 47.	5.2	130
51	Adult infiltrating gliomas with WHO 2016 integrated diagnosis: additional prognostic roles of ATRX and TERT. Acta Neuropathologica, 2017, 133, 1001-1016.	7.7	245
52	Utility of Pit-1 Immunostaining in Distinguishing Pituitary Adenomas of Primitive Differentiation from Null Cell Adenomas. Endocrine Pathology, 2017, 28, 287-292.	9.0	16
53	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
54	Significance of H3K27me3 loss in the diagnosis of malignant peripheral nerve sheath tumors. Modern Pathology, 2017, 30, 1710-1719.	5.5	52

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55	Comparision of New Diagnostic Tools for Malignant Peripheral Nerve Sheath Tumors. Pathology and Oncology Research, 2017, 23, 393-398.	1.9	6
56	Apparent diffusion coefficient and pituitary macroadenomas: pre-operative assessment of tumor atypia. Pituitary, 2017, 20, 195-200.	2.9	25
57	Lowered H3K27me3 and DNA hypomethylation define poorly prognostic pediatric posterior fossa ependymomas. Science Translational Medicine, 2016, 8, 366ra161.	12.4	144
58	Surgical resection of fourth ventricular ependymomas: case series and technical nuances. Journal of Neuro-Oncology, 2016, 130, 341-349.	2.9	20
59	SOX10 Distinguishes Pilocytic and Pilomyxoid Astrocytomas From Ependymomas but Shows No Differences in Expression Level in Ependymomas From Infants Versus Older Children or Among Molecular Subgroups. Journal of Neuropathology and Experimental Neurology, 2016, 75, 295-298.	1.7	19
60	Pitfalls in the use of whole slide imaging for the diagnosis of central nervous system tumors: A pilot study in surgical neuropathology. Journal of Pathology Informatics, 2016, 7, 25.	1.7	11
61	Glioma Groups Based on 1p/19q,IDH, andTERTPromoter Mutations in Tumors. New England Journal of Medicine, 2015, 372, 2499-2508.	27.0	1,632
62	Simultaneous serum aquaporin-4 antibody and CSF NMDA receptor antibodyâ€“positive encephalitis. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e101.	6.0	4
63	HIGD1A Regulates Oxygen Consumption, ROS Production, and AMPK Activity during Glucose Deprivation to Modulate Cell Survival and Tumor Growth. Cell Reports, 2015, 10, 891-899.	6.4	79
64	Practical Molecular Pathologic Diagnosis of Infiltrating Gliomas. Surgical Pathology Clinics, 2015, 8, 49-61.	1.7	3
65	Morphologic and immunohistochemical features of malignant peripheral nerve sheath tumors and cellular schwannomas. Modern Pathology, 2015, 28, 187-200.	5.5	134
66	Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype. Clinical Cancer Research, 2015, 21, 3750-3758.	7.0	40
67	Low-grade small round cell tumor of the cauda equina with EWSR1-WT1 fusion and indolent clinical course. Human Pathology, 2015, 46, 153-158.	2.0	23
68	Diagnostic utility of SOX10 to distinguish malignant peripheral nerve sheath tumor from synovial sarcoma, including intraneural synovial sarcoma. Modern Pathology, 2014, 27, 55-61.	5.5	79
69	Genetic Markers in Adult High-Grade Gliomas. Seminars in Radiation Oncology, 2014, 24, 235-239.	2.2	2
70	Variants near TERT and TERC influencing telomere length are associated with high-grade glioma risk. Nature Genetics, 2014, 46, 731-735.	21.4	161
71	Neuropathology of brain metastases. , 2013, 4, 245.		72
72	Effect of Measurement Order Between Right and Left Eyes on Intraocular Pressure Measurement. JAMA Ophthalmology, 2011, 129, 276.	2.4	27

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73	Clinicopathological Characteristics of Adamantinomatous and Papillary Craniopharyngiomas: University of California, San Francisco Experience 1985-2005. Neurosurgery, 2010, 67, 1341-1349.	1.1	51
74	Anterior Segment Optical Coherence Tomography as a Screening Tool for the Assessment of the Anterior Segment Angle. Ophthalmic Surgery Lasers and Imaging Retina, 2009, 40, 389-398.	0.7	43