

E Zeynep Erson-Omay

List of Publications by Year in descending order

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53
papers

1,932
citations

759233

12
h-index

315739

38
g-index

56
all docs

56
docs citations

56
times ranked

3412
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analysis of Non- <i>NF2</i> Meningiomas Reveals Mutations in <i>TRAF7</i> , <i>KLF4</i> , <i>AKT1</i> , and <i>SMO</i> . <i>Science</i> , 2013, 339, 1077-1080.	12.6	714
2	Recurrent somatic mutations in <i>POLR2A</i> define a distinct subset of meningiomas. <i>Nature Genetics</i> , 2016, 48, 1253-1259.	21.4	265
3	Integrated genomic characterization of <i>IDH1</i> -mutant glioma malignant progression. <i>Nature Genetics</i> , 2016, 48, 59-66.	21.4	253
4	Integrated genomic analyses of de novo pathways underlying atypical meningiomas. <i>Nature Communications</i> , 2017, 8, 14433.	12.8	156
5	Mutations in <i>KATNB1</i> Cause Complex Cerebral Malformations by Disrupting Asymmetrically Dividing Neural Progenitors. <i>Neuron</i> , 2014, 84, 1226-1239.	8.1	95
6	Somatic <i>POLE</i> mutations cause an ultramutated giant cell high-grade glioma subtype with better prognosis. <i>Neuro-Oncology</i> , 2015, 17, 1356-1364.	1.2	94
7	Associations of meningioma molecular subgroup and tumor recurrence. <i>Neuro-Oncology</i> , 2021, 23, 783-794.	1.2	83
8	Paediatric hepatocellular carcinoma due to somatic <i>CTNNB1</i> and <i>NFE2L2</i> mutations in the setting of inherited bi-allelic <i>ABCB11</i> mutations. <i>Journal of Hepatology</i> , 2014, 61, 1178-1183.	3.7	48
9	Use of telomerase promoter mutations to mark specific molecular subsets with reciprocal clinical behavior in <i>IDH</i> mutant and <i>IDH</i> wild-type diffuse gliomas. <i>Journal of Neurosurgery</i> , 2018, 128, 1102-1114.	1.6	26
10	<i>PPL4</i> is essential for brain angiogenesis and implicated in intracranial aneurysms in humans. <i>Nature Medicine</i> , 2021, 27, 2165-2175.	30.7	23
11	Longitudinal analysis of treatment-induced genomic alterations in gliomas. <i>Genome Medicine</i> , 2017, 9, 12.	8.2	20
12	A patient with a novel homozygous missense mutation in <i>FTO</i> and concomitant nonsense mutation in <i>CETP</i> . <i>Journal of Human Genetics</i> , 2016, 61, 395-403.	2.3	14
13	Whole-Exome Sequencing of an Exceptional Longevity Cohort. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1386-1390.	3.6	14
14	A quantitative model based on clinically relevant MRI features differentiates lower grade gliomas and glioblastoma. <i>European Radiology</i> , 2020, 30, 3073-3082.	4.5	13
15	Genomic alterations underlying spinal metastases in pediatric <i>H3K27M</i> -mutant pineal parenchymal tumor of intermediate differentiation: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 121-130.	1.3	13
16	The integrated multiomic diagnosis of sporadic meningiomas: a review of its clinical implications. <i>Journal of Neuro-Oncology</i> , 2022, 156, 205-214.	2.9	12
17	Type of bony involvement predicts genomic subgroup in sphenoid wing meningiomas. <i>Journal of Neuro-Oncology</i> , 2021, 154, 237-246.	2.9	11
18	De novo <i>MYH9</i> mutation in congenital scalp hemangioma. <i>Journal of Physical Education and Sports Management</i> , 2018, 4, a002998.	1.2	9

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19	Exome sequencing identifies SLIT2 variants in primary CNS lymphoma. <i>British Journal of Haematology</i> , 2021, 193, 375-379.	2.5	9
20	Exome analysis of the evolutionary path of hepatocellular adenoma-carcinoma transition, vascular invasion and brain dissemination. <i>Journal of Hepatology</i> , 2017, 67, 186-191.	3.7	7
21	<i>DNMT3A</i> co-mutation in an <i>IDH1</i> -mutant glioblastoma. <i>Journal of Physical Education and Sports Management</i> , 2019, 5, a004119.	1.2	6
22	Novel <i>EWSR1</i> – <i>EVLG1</i> fusion in a pediatric neuroepithelial neoplasm. <i>Clinical Genetics</i> , 2020, 97, 791-792.	2.0	5
23	Hypermuted phenotype in gliosarcoma of the spinal cord. <i>Npj Precision Oncology</i> , 2021, 5, 8.	5.4	5
24	A novel finding of an <i>IDH2</i> mutation in an interesting adult Sonic Hedgehog mutated medulloblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 144, 231-233.	2.9	4
25	Genetic characterization of an aggressive optic nerve pilocytic glioma. <i>Brain Tumor Pathology</i> , 2021, 38, 59-63.	1.7	4
26	Comprehensive Genomic Characterization of A Case of Granular Cell Tumor of the Posterior Pituitary Gland: A Case Report. <i>Frontiers in Endocrinology</i> , 2021, 12, 762095.	3.5	4
27	Persistent <i>STAG2</i> mutation despite multimodal therapy in recurrent pediatric glioblastoma. <i>Npj Genomic Medicine</i> , 2020, 5, 23.	3.8	3
28	Sporadic adamantinomatous craniopharyngioma with double-hit somatic <i>APC</i> mutations. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab124.	0.7	3
29	<i>PIK3CA</i> mutation in a case of <i>CTNNB1</i> -mutant sinonasal glomangiopericytoma. <i>Journal of Physical Education and Sports Management</i> , 2022, 8, a006120.	1.2	3
30	Genomic profiling of sporadic multiple meningiomas. <i>BMC Medical Genomics</i> , 2022, 15, 112.	1.5	3
31	The Clinical Implications of Spontaneous Hemorrhage in Vestibular Schwannomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021, 82, e22-e32.	0.8	2
32	Genetic characterization of a case of sellar metastasis from bronchial carcinoid neuroendocrine tumor. , 2020, 11, 303.		2
33	Genomic alterations in Turcot syndrome: Insights from whole exome sequencing. <i>Journal of the Neurological Sciences</i> , 2020, 417, 117056.	0.6	1
34	Large-scale second-hit <i>AIP</i> deletion causing a pediatric growth hormone-secreting pituitary adenoma: Case report and review of literature. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 420-422.	1.5	1
35	Molecular Diagnosis and Extracranial Extension in Cushing Disease. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020, 146, 865.	2.2	1
36	Dual activating <i>FGFR1</i> mutations in pediatric pilomyxoid astrocytoma. <i>Molecular Genetics & Genomic Medicine</i> , 2021, 9, e1597.	1.2	1

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37	A Quantitative Assessment of Pre-Operative MRI Reports in Glioma Patients: Report Metrics and IDH Prediction Ability. <i>Frontiers in Oncology</i> , 2020, 10, 600327.	2.8	1
38	Multiple meningiomas arising within the same hemisphere associated with Li-Fraumeni syndrome. , 2021, 12, 99.		1
39	Somatic NF1 mutations in pituitary adenomas: Report of two cases. <i>Cancer Genetics</i> , 2021, 256-257, 26-30.	0.4	1
40	NCOG-50. CLINICAL AND GENOMIC FACTORS ASSOCIATED WITH SEIZURES IN MENINGIOMAS. <i>Neuro-Oncology</i> , 2020, 22, ii140-ii140.	1.2	1
41	HGG-01. ACQUISITION OF A HYPERMUTATOR PHENOTYPE UNDERLYING DISTANT SPINAL INTRAMEDULLARY SPREAD IN HISTONE-MUTATED DIFFUSE MIDLINE GLIOMA. <i>Neuro-Oncology</i> , 2019, 21, ii86-ii86.	1.2	0
42	HOUT-03. CLINICAL OUTCOMES OF PATIENTS WITH VESTIBULAR SCHWANNOMAS: THE RELEVANCE OF TUMOR SIZE AND RECURRENCE. <i>Neuro-Oncology</i> , 2019, 21, vi112-vi112.	1.2	0
43	GENE-56. MENINGIOMA GENOMIC SUBGROUP AS A PREDICTOR OF POST-OPERATIVE PATIENT OUTCOMES: IMPLICATIONS FOR TREATMENT AND FOLLOW-UP. <i>Neuro-Oncology</i> , 2019, 21, vi109-vi110.	1.2	0
44	26. GENETIC CHARACTERIZATION OF SELLAR METASTASIS FROM PRIMARY BRONCHIAL CARCINOID TUMOR OF NEUROENDOCRINE PATHOLOGY. <i>Neuro-Oncology Advances</i> , 2020, 2, ii4-ii5.	0.7	0
45	Two-Hit Germline and Somatic AIP Mutations in a Pediatric Growth Hormone-Secreting Pituitary Adenoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.8	0
46	MNGI-09. MENINGIOMA WITH MULTIPLE DRIVERS: GENOMIC LANDSCAPE AND CLINICAL CORRELATIONS. <i>Neuro-Oncology</i> , 2019, 21, vi141-vi141.	1.2	0
47	INNV-09. SURGICAL STRATEGIES FOR OLDER PATIENTS WITH GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2021, 23, vi107-vi107.	1.2	0
48	EPCO-29. GENOMIC PROFILING OF SPORADIC MULTIPLE MENINGIOMAS. <i>Neuro-Oncology</i> , 2021, 23, vi8-vi8.	1.2	0
49	NIMG-64. TYPE OF BONY INVOLVEMENT PREDICTS GENOMIC SUBGROUP IN SPHENOID WING MENINGIOMAS. <i>Neuro-Oncology</i> , 2021, 23, vi144-vi144.	1.2	0
50	PATH-38. APC MUTATION AS A DRIVER ONCOGENE IN NON-CTNNB1 MUTANT ADAMANTINOMATOUS CRANIOPHARYNGIOMAS. <i>Neuro-Oncology</i> , 2021, 23, vi123-vi123.	1.2	0
51	Clinical Implications of the Genomic Profiling of Sporadic Multiple Meningiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.8	0
52	NF2 Mutant Sporadic Meningiomas Differ Based on Location Relative to the Tentorium. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.8	0
53	TRAF7 Mutated Subgroups Differ in Sphenoid Wing Meningiomas with Hyperostosis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.8	0