

Cheng-Hsuan Chiang

List of Publications by Year in descending order

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46
papers

2,274
citations

394421

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302126

39
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47
all docs

47
docs citations

47
times ranked

4225
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic dysregulation in a human iPS cell model of mental disorders. <i>Nature</i> , 2014, 515, 414-418.	27.8	471
2	Induced Pluripotent Stem Cells from Patients with Huntington's Disease Show CAG-Repeat-Expansion-Associated Phenotypes. <i>Cell Stem Cell</i> , 2012, 11, 264-278.	11.1	444
3	Astrocytes generated from patient induced pluripotent stem cells recapitulate features of Huntington's disease patient cells. <i>Molecular Brain</i> , 2012, 5, 17.	2.6	204
4	Integration-free induced pluripotent stem cells derived from schizophrenia patients with a DISC1 mutation. <i>Molecular Psychiatry</i> , 2011, 16, 358-360.	7.9	163
5	Molecularly defined diffuse leptomeningeal glioneuronal tumor (DLGNT) comprises two subgroups with distinct clinical and genetic features. <i>Acta Neuropathologica</i> , 2018, 136, 239-253.	7.7	118
6	G9a and Jhdm2a Regulate Embryonic Stem Cell Fusion-Induced Reprogramming of Adult Neural Stem Cells. <i>Stem Cells</i> , 2008, 26, 2131-2141.	3.2	112
7	Inflammatory Reaction in Neurological Diseases. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	81
8	Structure and evolution of double minutes in diagnosis and relapse brain tumors. <i>Acta Neuropathologica</i> , 2019, 137, 123-137.	7.7	63
9	Cell-surface antigen profiling of pediatric brain tumors: B7-H3 is consistently expressed and can be targeted via local or systemic CAR T-cell delivery. <i>Neuro-Oncology</i> , 2021, 23, 999-1011.	1.2	63
10	Molecular pathology of paediatric central nervous system tumours. <i>Journal of Pathology</i> , 2017, 241, 159-172.	4.5	51
11	Human Parechovirus 3 Meningitis and Fatal Leukoencephalopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 767-777.	1.7	49
12	A single-center study of the clinicopathologic correlates of gliomas with a MYB or MYBL1 alteration. <i>Acta Neuropathologica</i> , 2019, 138, 1091-1092.	7.7	45
13	YAP1-fusions in pediatric NF2-wildtype meningioma. <i>Acta Neuropathologica</i> , 2020, 139, 215-218.	7.7	45
14	Intracranial mesenchymal tumor with FET-creb fusion: A unifying diagnosis for the spectrum of intracranial myxoid mesenchymal tumors and angiomatoid fibrous histiocytoma-like neoplasms. <i>Brain Pathology</i> , 2021, 31, e12918.	4.1	44
15	Low-grade spinal glioneuronal tumors with BRAF gene fusion and 1p deletion but without leptomeningeal dissemination. <i>Acta Neuropathologica</i> , 2017, 134, 159-162.	7.7	33
16	Clinical, imaging, and molecular analysis of pediatric pontine tumors lacking characteristic imaging features of DIPG. <i>Acta Neuropathologica Communications</i> , 2020, 8, 57.	5.2	32
17	Tectal glioma as a distinct diagnostic entity: a comprehensive clinical, imaging, histologic and molecular analysis. <i>Acta Neuropathologica Communications</i> , 2018, 6, 101.	5.2	30
18	Patient-derived models recapitulate heterogeneity of molecular signatures and drug response in pediatric high-grade glioma. <i>Nature Communications</i> , 2021, 12, 4089.	12.8	27

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19	Clinicopathologic and molecular features of intracranial desmoplastic small round cell tumors. <i>Brain Pathology</i> , 2020, 30, 213-225.	4.1	20
20	Neuropsychological outcomes of patients with low-grade glioma diagnosed during the first year of life. <i>Journal of Neuro-Oncology</i> , 2019, 141, 413-420.	2.9	16
21	Safety and efficacy of brainstem biopsy in children and young adults. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 552-562.	1.3	16
22	Molecular mechanism of the neurotrophic effect of GDNF on DA neurons: role of protein kinase CK2. <i>Neurobiology of Aging</i> , 2006, 27, 105-118.	3.1	14
23	Long-term visual acuity outcomes after radiation therapy for sporadic optic pathway glioma. <i>Journal of Neuro-Oncology</i> , 2019, 144, 603-610.	2.9	14
24	Infratentorial C11orf95-fused gliomas share histologic, immunophenotypic, and molecular characteristics of supratentorial RELA-fused ependymoma. <i>Acta Neuropathologica</i> , 2020, 140, 963-965.	7.7	14
25	Tectal glioma harbors high rates of KRAS G12R and concomitant KRAS and BRAF alterations. <i>Acta Neuropathologica</i> , 2020, 139, 601-602.	7.7	13
26	Risk stratification in pediatric low-grade glioma and glioneuronal tumor treated with radiation therapy: an integrated clinicopathologic and molecular analysis. <i>Neuro-Oncology</i> , 2020, 22, 1203-1213.	1.2	12
27	Evaluating pediatric spinal low-grade gliomas: a 30-year retrospective analysis. <i>Journal of Neuro-Oncology</i> , 2019, 145, 519-529.	2.9	11
28	Intracranial mesenchymal tumors with FET- CREB fusion are composed of at least two epigenetic subgroups distinct from meningioma and extracranial sarcomas. <i>Brain Pathology</i> , 2022, 32, e13037.	4.1	11
29	Chromosome arm 1q gain is an adverse prognostic factor in localized and diffuse leptomeningeal glioneuronal tumors with BRAF gene fusion and 1p deletion. <i>Acta Neuropathologica</i> , 2019, 137, 179-181.	7.7	10
30	Radiohistogenomics of pediatric low-grade neuroepithelial tumors. <i>Neuroradiology</i> , 2021, 63, 1185-1213.	2.2	8
31	Defining Optimal Target Volumes of Conformal Radiation Therapy for Diffuse Intrinsic Pontine Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 838-847.	0.8	7
32	Creation of a successful multidisciplinary course in pediatric neuro-oncology with a systematic approach to curriculum development. <i>Cancer</i> , 2021, 127, 1126-1133.	4.1	6
33	Myxoid glioneuronal tumor, <i>PDGFRA</i> p.K385L mutant, arising in midbrain tectum with multifocal CSF dissemination. <i>Brain Pathology</i> , 2022, 32, e13008.	4.1	6
34	Phase I study using crenolanib to target PDGFR kinase in children and young adults with newly diagnosed DIPG or recurrent high-grade glioma, including DIPG. <i>Neuro-Oncology Advances</i> , 2021, 3, v179.	0.7	5
35	The molecular characteristics of low-grade and high-grade areas in desmoplastic infantile astrocytoma/ganglioglioma. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	5
36	Somatic LINE-1 promoter acquisition drives oncogenic FOXR2 activation in pediatric brain tumor. <i>Acta Neuropathologica</i> , 2022, 143, 605-607.	7.7	4

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37	Profound hearing loss following surgery in pediatric patients with posterior fossa low-grade glioma. <i>Neuro-Oncology Practice</i> , 2018, 5, 96-103.	1.6	2
38	Neuroimaging Findings in Children with Constitutional Mismatch Repair Deficiency Syndrome. <i>American Journal of Neuroradiology</i> , 2020, 41, 904-910.	2.4	2
39	A 67 Yearâ€Old Man with Multiple Sclerosis and New Cerebellar Lesions. <i>Brain Pathology</i> , 2015, 25, 507-508.	4.1	1
40	Pediatric Case of Liâ€Fraumeni Syndrome in Honduras. <i>Case Reports in Pediatrics</i> , 2021, 2021, 1-4.	0.4	1
41	A11â€...Induced pluripotent stem cells for basic and translational research on HD. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, A3.2-A4.	1.9	0
42	A 4â€Yearâ€Old Girl With a Supratentorial Mass. <i>Brain Pathology</i> , 2020, 30, 421-422.	4.1	0
43	LGG-15. COMPREHENSIVE ANALYSIS OF MYB/MYB1-ALTERED GLIOMAS: A MULTI-INSTITUTIONAL EXPERIENCE OF 33 GLIOMAS. <i>Neuro-Oncology</i> , 2021, 23, i34-i35.	1.2	0
44	Abstract 237: Inferring spatial organization of tumor microenvironment from single-cell RNA sequencing data using graph embedding. , 2021, , .		0
45	High-grade neuroepithelial tumor with medulloepithelioma-like areas out of the central nervous system in an infant with hemihypertrophy: a unique association. <i>Turkish Journal of Pediatrics</i> , 2020, 62, 836.	0.6	0
46	A <i>CTNNB1</i> -altered medulloblastoma shows the immunophenotypic, DNA methylation and transcriptomic profiles of SHH-activated, and not WNT-activated, medulloblastoma. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, e12815.	3.2	0