

Timothy R Gershon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/973664/publications.pdf>

Version: 2024-02-01

44
papers

2,038
citations

331670

21
h-index

276875

41
g-index

56
all docs

56
docs citations

56
times ranked

3644
citing authors

#	ARTICLE	IF	CITATIONS
1	Neoplastic and immune single-cell transcriptomics define subgroup-specific intra-tumoral heterogeneity of childhood medulloblastoma. <i>Neuro-Oncology</i> , 2022, 24, 273-286.	1.2	52
2	Enhancing CDK4/6 inhibitor therapy for medulloblastoma using nanoparticle delivery and scRNA-seq-guided combination with sapanisertib. <i>Science Advances</i> , 2022, 8, eabl5838.	10.3	16
3	OLIG2 Is a Determinant for the Relapse of MYC-Amplified Medulloblastoma. <i>Clinical Cancer Research</i> , 2022, 28, 4278-4291.	7.0	3
4	Antiapoptotic Bcl-2 family proteins BCL-xL and MCL-1 integrate neural progenitor survival and proliferation during postnatal cerebellar neurogenesis. <i>Cell Death and Differentiation</i> , 2021, 28, 1579-1592.	11.2	11
5	Poly(2-oxazoline) nanoparticle delivery enhances the therapeutic potential of vismodegib for medulloblastoma by improving CNS pharmacokinetics and reducing systemic toxicity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102345.	3.3	32
6	Cryptic developmental events determine medulloblastoma radiosensitivity and cellular heterogeneity without altering transcriptomic profile. <i>Communications Biology</i> , 2021, 4, 616.	4.4	13
7	Oligodendrocytes depend on MCL-1 to prevent spontaneous apoptosis and white matter degeneration. <i>Cell Death and Disease</i> , 2021, 12, 1133.	6.3	3
8	Content and Performance of the MiniMUGA Genotyping Array: A New Tool To Improve Rigor and Reproducibility in Mouse Research. <i>Genetics</i> , 2020, 216, 905-930.	2.9	58
9	Projected t-SNE for batch correction. <i>Bioinformatics</i> , 2020, 36, 3522-3527.	4.1	10
10	Treatment of Trametinib-Associated Folliculitis Eruption With Fluconazole. <i>JAMA Dermatology</i> , 2020, 156, 706.	4.1	2
11	ErbB4 Is Required for Cerebellar Development and Malignant Phenotype of Medulloblastoma. <i>Cancers</i> , 2020, 12, 997.	3.7	3
12	MBRS-46. CHARTING NEOPLASTIC AND IMMUNE CELL HETEROGENEITY IN HUMAN AND GEM MODELS OF MEDULLOBLASTOMA USING scRNAseq. <i>Neuro-Oncology</i> , 2020, 22, iii406-iii406.	1.2	0
13	GSK-3 modulates SHH-driven proliferation in postnatal cerebellar neurogenesis and medulloblastoma. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	14
14	scRNA-seq in medulloblastoma shows cellular heterogeneity and lineage expansion support resistance to SHH inhibitor therapy. <i>Nature Communications</i> , 2019, 10, 5829.	12.8	77
15	A New Way to Treat Brain Tumors: Targeting Proteins Coded by Microcephaly Genes?. <i>BioEssays</i> , 2018, 40, e1700243.	2.5	18
16	CADD-06. VISMODEGIB LOADED POLYOXAZOLINE (POx) MICELLES ENHANCE EFFICACY OF VISMODEGIB AND PROLONG MICE SURVIVAL, EMPHASIZE POTENTIAL OF POx MICELLES TO IMPROVE DRUG DELIVERY TO BRAIN TUMORS. <i>Neuro-Oncology</i> , 2018, 20, vi278-vi278.	1.2	0
17	MBRS-53. ENHANCED EFFICACY OF NANO-FORMULATED VISMODEGIB SHOWS THE POTENTIAL FOR POLYOXAZOLINE MICELLES TO IMPROVE DRUG DELIVERY TO BRAIN TUMORS. <i>Neuro-Oncology</i> , 2018, 20, i139-i140.	1.2	3
18	Pyruvate Kinase Inhibits Proliferation during Postnatal Cerebellar Neurogenesis and Suppresses Medulloblastoma Formation. <i>Cancer Research</i> , 2017, 77, 3217-3230.	0.9	45

#	ARTICLE	IF	CITATIONS
19	Radiation Sensitivity in a Preclinical Mouse Model of Medulloblastoma Relies on the Function of the Intrinsic Apoptotic Pathway. <i>Cancer Research</i> , 2016, 76, 3211-3223.	0.9	25
20	AMPK Is Essential to Balance Glycolysis and Mitochondrial Metabolism to Control T-ALL Cell Stress and Survival. <i>Cell Metabolism</i> , 2016, 23, 649-662.	16.2	195
21	ATR maintains chromosomal integrity during postnatal cerebellar neurogenesis and is required for medulloblastoma formation. <i>Development (Cambridge)</i> , 2016, 143, 4038-4052.	2.5	46
22	Psychiatric manifestations as initial presentation for pediatric CNS germ cell tumors, a case series. <i>Child's Nervous System</i> , 2016, 32, 1359-1362.	1.1	8
23	Essential Function of Dicer in Resolving DNA Damage in the Rapidly Dividing Cells of the Developing and Malignant Cerebellum. <i>Cell Reports</i> , 2016, 14, 216-224.	6.4	41
24	ASC deficiency suppresses proliferation and prevents medulloblastoma incidence. <i>Oncogene</i> , 2015, 34, 394-402.	5.9	9
25	Aspm sustains postnatal cerebellar neurogenesis and medulloblastoma growth. <i>Development (Cambridge)</i> , 2015, 142, 3921-32.	2.5	54
26	Adaptations of energy metabolism during cerebellar neurogenesis are co-opted in medulloblastoma. <i>Cancer Letters</i> , 2015, 356, 268-272.	7.2	24
27	Energy metabolism in neurodevelopment and medulloblastoma. <i>Translational Pediatrics</i> , 2015, 4, 12-9.	1.2	22
28	Early-Onset Stroke and Vasculopathy Associated with Mutations in ADA2. <i>New England Journal of Medicine</i> , 2014, 370, 911-920.	27.0	687
29	Cerebellar granule neuron progenitors are the source of Hk2 in the postnatal cerebellum. <i>Cancer & Metabolism</i> , 2013, 1, 15.	5.0	10
30	Hexokinase-2-mediated aerobic glycolysis is integral to cerebellar neurogenesis and pathogenesis of medulloblastoma. <i>Cancer & Metabolism</i> , 2013, 1, 2.	5.0	96
31	Bax deficiency prolongs cerebellar neurogenesis, accelerates medulloblastoma formation and paradoxically increases both malignancy and differentiation. <i>Oncogene</i> , 2013, 32, 2304-2314.	5.9	31
32	Tonic Activation of Bax Primes Neural Progenitors for Rapid Apoptosis through a Mechanism Preserved in Medulloblastoma. <i>Journal of Neuroscience</i> , 2013, 33, 18098-18108.	3.6	23
33	Novel Use of Zolpidem in Cerebellar Mutism Syndrome. <i>Journal of Pediatric Hematology/Oncology</i> , 2011, 33, 148-149.	0.6	42
34	Intensive multimodality therapy for patients with stage 4a metastatic retinoblastoma. <i>Pediatric Blood and Cancer</i> , 2010, 55, 55-59.	1.5	71
35	Expression of the neuron-specific protein CHD5 is an independent marker of outcome in neuroblastoma. <i>Molecular Cancer</i> , 2010, 9, 277.	19.2	57
36	<i>ctd13lf4</i> modulates thymic stromal cell proliferation and thymus function. <i>Journal of Experimental Medicine</i> , 2010, 207, 2521-2532.	8.5	23

#	ARTICLE	IF	CITATIONS
37	Enteric Neural Crest Differentiation in Ganglioneuromas Implicates Hedgehog Signaling in Peripheral Neuroblastic Tumor Pathogenesis. PLoS ONE, 2009, 4, e7491.	2.5	24
38	Medulloblastoma: Therapy and biologic considerations. Current Neurology and Neuroscience Reports, 2006, 6, 200-206.	4.2	9
39	Temporally Regulated Neural Crest Transcription Factors Distinguish Neuroectodermal Tumors of Varying Malignancy and Differentiation. Neoplasia, 2005, 7, 575-584.	5.3	59
40	Cellular expression of a leech netrin suggests roles in the formation of longitudinal nerve tracts and in regional innervation of peripheral targets. Journal of Neurobiology, 1999, 40, 103-115.	3.6	24
41	Two Receptor Tyrosine Phosphatases of the LAR Family Are Expressed in the Developing Leech by Specific Central Neurons as well as Select Peripheral Neurons, Muscles, and Other Cells. Journal of Neuroscience, 1998, 18, 2991-3002.	3.6	20
42	New electrical properties of neurons induced by a homeoprotein. , 1997, 33, 11-17.		9
43	Peripheral organs control central neurogenesis in the leech. Nature, 1990, 346, 855-858.	27.8	52
44	Neoplastic and Immune Single Cell Transcriptomics Define Subgroup-Specific Intra-Tumoral Heterogeneity of Childhood Medulloblastoma. SSRN Electronic Journal, 0, , .	0.4	2