

# Timothy R Gershon

## List of Publications by Year in descending order

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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	Early-Onset Stroke and Vasculopathy Associated with Mutations in ADA2. <i>New England Journal of Medicine</i> , 2014, 370, 911-920.	27.0	687
2	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
3	Hexokinase-2-mediated aerobic glycolysis is integral to cerebellar neurogenesis and pathogenesis of medulloblastoma. <i>Cancer &amp; Metabolism</i> , 2013, 1, 2.	5.0	96
4	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
5	Intensive multimodality therapy for patients with stage 4a metastatic retinoblastoma. <i>Pediatric Blood and Cancer</i> , 2010, 55, 55-59.	1.5	71
6	Temporally Regulated Neural Crest Transcription Factors Distinguish Neuroectodermal Tumors of Varying Malignancy and Differentiation. <i>Neoplasia</i> , 2005, 7, 575-584.	5.3	59
7	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
8	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
9	Aspm sustains postnatal cerebellar neurogenesis and medulloblastoma growth. <i>Development (Cambridge)</i> , 2015, 142, 3921-32.	2.5	54
10	Peripheral organs control central neurogenesis in the leech. <i>Nature</i> , 1990, 346, 855-858.	27.8	52
11	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
12	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
13	Pyruvate Kinase Inhibits Proliferation during Postnatal Cerebellar Neurogenesis and Suppresses Medulloblastoma Formation. <i>Cancer Research</i> , 2017, 77, 3217-3230.	0.9	45
14	Novel Use of Zolpidem in Cerebellar Mutism Syndrome. <i>Journal of Pediatric Hematology/Oncology</i> , 2011, 33, 148-149.	0.6	42
15	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
16	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
17	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
18	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

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19	Cellular expression of a leech netrin suggests roles in the formation of longitudinal nerve tracts and in regional innervation of peripheral targets. <i>Journal of Neurobiology</i> , 1999, 40, 103-115.	3.6	24
20	Enteric Neural Crest Differentiation in Ganglioneuromas Implicates Hedgehog Signaling in Peripheral Neuroblastic Tumor Pathogenesis. <i>PLoS ONE</i> , 2009, 4, e7491.	2.5	24
21	Adaptations of energy metabolism during cerebellar neurogenesis are co-opted in medulloblastoma. <i>Cancer Letters</i> , 2015, 356, 268-272.	7.2	24
22	<i>Tbeta</i> modulates thymic stromal cell proliferation and thymus function. <i>Journal of Experimental Medicine</i> , 2010, 207, 2521-2532.	8.5	23
23	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
24	Energy metabolism in neurodevelopment and medulloblastoma. <i>Translational Pediatrics</i> , 2015, 4, 12-9.	1.2	22
25	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. <i>Journal of Neuroscience</i> , 1998, 18, 2991-3002.	3.6	20
26	A New Way to Treat Brain Tumors: Targeting Proteins Coded by Microcephaly Genes?. <i>BioEssays</i> , 2018, 40, e1700243.	2.5	18
27	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
28	GSK-3 modulates SHH-driven proliferation in postnatal cerebellar neurogenesis and medulloblastoma. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	14
29	Cryptic developmental events determine medulloblastoma radiosensitivity and cellular heterogeneity without altering transcriptomic profile. <i>Communications Biology</i> , 2021, 4, 616.	4.4	13
30	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
31	Cerebellar granule neuron progenitors are the source of Hk2 in the postnatal cerebellum. <i>Cancer &amp; Metabolism</i> , 2013, 1, 15.	5.0	10
32	Projected t-SNE for batch correction. <i>Bioinformatics</i> , 2020, 36, 3522-3527.	4.1	10
33	New electrical properties of neurons induced by a homeoprotein. , 1997, 33, 11-17.		9
34	Medulloblastoma: Therapy and biologic considerations. <i>Current Neurology and Neuroscience Reports</i> , 2006, 6, 200-206.	4.2	9
35	ASC deficiency suppresses proliferation and prevents medulloblastoma incidence. <i>Oncogene</i> , 2015, 34, 394-402.	5.9	9
36	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

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37	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
38	ErbB4 Is Required for Cerebellar Development and Malignant Phenotype of Medulloblastoma. <i>Cancers</i> , 2020, 12, 997.	3.7	3
39	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
40	OLIG2 Is a Determinant for the Relapse of <i>MYC</i> -Amplified Medulloblastoma. <i>Clinical Cancer Research</i> , 2022, 28, 4278-4291.	7.0	3
41	Treatment of Trametinib-Associated Folliculitis Eruption With Fluconazole. <i>JAMA Dermatology</i> , 2020, 156, 706.	4.1	2
42	Neoplastic and Immune Single Cell Transcriptomics Define Subgroup-Specific Intra-Tumoral Heterogeneity of Childhood Medulloblastoma. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
43	CADD-06. VISMODEGIB LOADED POLYOXAZOLINE (PO <sub>x</sub> ) MICELLES ENHANCE EFFICACY OF VISMODEGIB AND PROLONG MICE SURVIVAL, EMPHASIZE POTENTIAL OF PO <sub>x</sub> MICELLES TO IMPROVE DRUG DELIVERY TO BRAIN TUMORS. <i>Neuro-Oncology</i> , 2018, 20, vi278-vi278.	1.2	0
44	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