

Daniel Goldowitz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61

papers

3,393

citations

22

h-index

58

g-index

65

ext. papers

4,325

ext. citations

6.9

avg, IF

4.03

L-index

#	Paper	IF	Citations
61	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014 , 507, 462-70	50.4	1301
60	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. <i>Science</i> , 2015 , 347, 1010-4	33.3	384
59	An integrated expression atlas of miRNAs and their promoters in human and mouse. <i>Nature Biotechnology</i> , 2017 , 35, 872-878	44.5	282
58	VAC14 nucleates a protein complex essential for the acute interconversion of PI3P and PI(3,5)P(2) in yeast and mouse. <i>EMBO Journal</i> , 2008 , 27, 3221-34	13	183
57	Wild-type huntingtin plays a role in brain development and neuronal survival. <i>Molecular Neurobiology</i> , 2003 , 28, 259-76	6.2	109
56	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017 , 4, 170112	8.2	88
55	Cerebellar modulation of frontal cortex dopamine efflux in mice: relevance to autism and schizophrenia. <i>Synapse</i> , 2008 , 62, 544-50	2.4	77
54	Implementing large-scale ENU mutagenesis screens in North America. <i>Genetica</i> , 2004 , 122, 51-64	1.5	73
53	A regulatory toolbox of MiniPromoters to drive selective expression in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16589-94	11.5	62
52	Performance of normal and neurological mutant mice on radial arm maze and active avoidance tasks. <i>Behavioral and Neural Biology</i> , 1986 , 46, 216-26		61
51	Fetal alcohol spectrum disorders: gene-environment interactions, predictive biomarkers, and the relationship between structural alterations in the brain and functional outcomes. <i>Seminars in Pediatric Neurology</i> , 2011 , 18, 49-55	2.9	45
50	Behavioral flexibility in a mouse model of developmental cerebellar Purkinje cell loss. <i>Neurobiology of Learning and Memory</i> , 2010 , 94, 220-8	3.1	45
49	Preliminary analysis of the mouse cerebellum proteome. <i>Molecular Brain Research</i> , 2002 , 98, 135-40		45
48	Neurons lacking huntingtin differentially colonize brain and survive in chimeric mice. <i>Journal of Neuroscience</i> , 2001 , 21, 7608-19	6.6	44
47	rAAV-compatible MiniPromoters for restricted expression in the brain and eye. <i>Molecular Brain</i> , 2016 , 9, 52	4.5	43
46	Wls provides a new compartmental view of the rhombic lip in mouse cerebellar development. <i>Journal of Neuroscience</i> , 2014 , 34, 12527-37	6.6	38
45	Systems genetics of intravenous cocaine self-administration in the BXD recombinant inbred mouse panel. <i>Psychopharmacology</i> , 2016 , 233, 701-14	4.7	36

44	Targeted CNS Delivery Using Human MiniPromoters and Demonstrated Compatibility with Adeno-Associated Viral Vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014 , 1, 5	6.4	33
43	acts in the PLK1-dependent spindle positioning pathway and supports neural development. <i>ELife</i> , 2017 , 6,	8.9	32
42	R6/2 neurons with intranuclear inclusions survive for prolonged periods in the brains of chimeric mice. <i>Journal of Comparative Neurology</i> , 2007 , 505, 603-29	3.4	28
41	A Novel and Multivalent Role of Pax6 in Cerebellar Development. <i>Journal of Neuroscience</i> , 2016 , 36, 9057-69	7.69	27
40	Identification of a set of genes showing regionally enriched expression in the mouse brain. <i>BMC Neuroscience</i> , 2008 , 9, 66	3.2	23
39	Adverse Behavioral Changes in Adult Mice Following Neonatal Repeated Exposure to Pain and Sucrose. <i>Frontiers in Psychology</i> , 2018 , 9, 2394	3.4	21
38	Effects of stimulus salience on touchscreen serial reversal learning in a mouse model of fragile X syndrome. <i>Behavioural Brain Research</i> , 2013 , 252, 126-35	3.4	21
37	A deletion causing spontaneous fracture identified from a candidate region of mouse Chromosome 14. <i>Mammalian Genome</i> , 2005 , 16, 20-31	3.2	21
36	CbGRiTS: cerebellar gene regulation in time and space. <i>Developmental Biology</i> , 2015 , 397, 18-30	3.1	19
35	Origins, Development, and Compartmentation of the Granule Cells of the Cerebellum. <i>Frontiers in Neural Circuits</i> , 2020 , 14, 611841	3.5	17
34	Dab2IP GTPase activating protein regulates dendrite development and synapse number in cerebellum. <i>PLoS ONE</i> , 2013 , 8, e53635	3.7	16
33	The Tennessee Mouse Genome Consortium: identification of ocular mutants. <i>Visual Neuroscience</i> , 2005 , 22, 595-604	1.7	15
32	The expression of HDAC1 and HDAC2 during cerebellar cortical development. <i>Cerebellum</i> , 2013 , 12, 534-46	4.6	14
31	Wild-type cells rescue genotypically Math1-null hair cells in the inner ears of chimeric mice. <i>Developmental Biology</i> , 2007 , 305, 430-8	3.1	14
30	Inherited neuroaxonal dystrophy in dogs causing lethal, fetal-onset motor system dysfunction and cerebellar hypoplasia. <i>Journal of Comparative Neurology</i> , 2010 , 518, 3771-84	3.4	13
29	Genome-wide microarray comparison reveals downstream genes of Pax6 in the developing mouse cerebellum. <i>European Journal of Neuroscience</i> , 2012 , 36, 2888-98	3.5	12
28	The effect of hemorrhage on the development of the postnatal mouse cerebellum. <i>Experimental Neurology</i> , 2014 , 252, 85-94	5.7	12
27	The genetic basis of adrenal gland weight and structure in BXD recombinant inbred mice. <i>Mammalian Genome</i> , 2011 , 22, 209-34	3.2	12

26	Wls expression in the rhombic lip orchestrates the embryonic development of the mouse cerebellum. <i>Neuroscience</i> , 2017 , 354, 30-42	3.9	11
25	Ethanol-induced hyperactivity is associated with hypodopaminergia in the 22-TNJ ENU-mutated mouse. <i>Alcohol</i> , 2009 , 43, 421-31	2.7	11
24	Enhanced Purkinje cell survival but compromised cerebellar function in targeted anti-apoptotic protein transgenic mice. <i>Molecular and Cellular Neurosciences</i> , 2005 , 29, 202-21	4.8	11
23	Screening for ENU-induced mutations in mice that result in aberrant ethanol-related phenotypes. <i>Behavioral Neuroscience</i> , 2007 , 121, 665-78	2.1	10
22	Systemic inflammation combined with neonatal cerebellar haemorrhage aggravates long-term structural and functional outcomes in a mouse model. <i>Brain, Behavior, and Immunity</i> , 2017 , 66, 257-276	16.6	8
21	Identification of a Chr 11 quantitative trait locus that modulates proliferation in the rostral migratory stream of the adult mouse brain. <i>European Journal of Neuroscience</i> , 2010 , 32, 523-37	3.5	8
20	The renal glomerulus and vasculature in aggregation chimeric mice. <i>Nephron</i> , 2002 , 90, 267-72	3.3	8
19	CAGE-defined promoter regions of the genes implicated in Rett Syndrome. <i>BMC Genomics</i> , 2014 , 15, 1177	4.5	7
18	Kruppel-Like Factor 4 Regulates Granule Cell Pax6 Expression and Cell Proliferation in Early Cerebellar Development. <i>PLoS ONE</i> , 2015 , 10, e0134390	3.7	7
17	Twenty-Seven Tamoxifen-Inducible iCre-Driver Mouse Strains for Eye and Brain, Including Seventeen Carrying a New Inducible-First Constitutive-Ready Allele. <i>Genetics</i> , 2019 , 211, 1155-1177	4	7
16	Phenotype screening for genetically determined age-onset disorders and increased longevity in ENU-mutagenized mice. <i>Age</i> , 2005 , 27, 75-90		5
15	Navigating the Functional Landscape of Transcription Factors via Non-Negative Tensor Factorization Analysis of MEDLINE Abstracts. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017 , 5, 48	5.8	4
14	Identification of novel cerebellar developmental transcriptional regulators with motif activity analysis. <i>BMC Genomics</i> , 2019 , 20, 718	4.5	3
13	Non-coding-regulatory regions of human brain genes delineated by bacterial artificial chromosome knock-in mice. <i>BMC Biology</i> , 2013 , 11, 106	7.3	3
12	Author response: HMMR acts in the PLK1-dependent spindle positioning pathway and supports neural development 2017 ,		3
11	Discovery of widespread transcription initiation at microsatellites predictable by sequence-based deep neural network. <i>Nature Communications</i> , 2021 , 12, 3297	17.4	3
10	Identification of genetic loci that modulate cell proliferation in the adult rostral migratory stream using the expanded panel of BXD mice. <i>BMC Genomics</i> , 2014 , 15, 206	4.5	2
9	Effects of age and strain on cell proliferation in the mouse rostral migratory stream. <i>Neurobiology of Aging</i> , 2013 , 34, 1712.e15-21	5.6	2

8	The NeuroDevNet vision. <i>Seminars in Pediatric Neurology</i> , 2011 , 18, 2-4	2.9	2
7	ENU induced single mutation locus on chr 16 leads to high-frequency hearing loss in mice. <i>Genes and Genetic Systems</i> , 2009 , 84, 219-24	1.4	1
6	Early life risk and resiliency factors and their influences on developmental outcomes and disease pathways: a rapid evidence review of systematic reviews and meta-analyses. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 12, 357-372	2.4	1
5	Using a mouse model to gain insights into developmental coordination disorder. <i>Genes, Brain and Behavior</i> , 2020 , 19, e12647	3.6	0
4	Gene Discovery: From Positional Cloning to Genomic Cloning 2012 , 1-9		
3	Excessive activation of tissue plasminogen activator makes a mouse nervous. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 10882-3	11.5	
2	NeuroDevNet: A Canada Network of Centres of Excellence--to realize a vision by effective operations and collaborative mechanisms. <i>Seminars in Pediatric Neurology</i> , 2011 , 18, 5-9	2.9	
1	Decreased temporal variability in hippocampal theta rhythms of cats administered methylphenidate. <i>Behavioral Biology</i> , 1975 , 13, 497-503		