Gabriella D'Arcangelo

List of Publications by Year
in descending order

53 papers	7,134 citations	136885 32 h-index	168321 53 g-index
54 all docs	54 docs citations	54 times ranked	5177 citing authors

#	Article	IF	Citations
1	A protein related to extracellular matrix proteins deleted in the mouse mutant reeler. Nature, 1995, 374, 719-723.	13.7	1,615
2	Reelin Is a Ligand for Lipoprotein Receptors. Neuron, 1999, 24, 471-479.	3.8	744
3	Ras is essential for nerve growth factor- and phorbol ester-induced tyrosine phosphorylation of MAP kinases. Cell, 1992, 68, 1031-1040.	13.5	728
4	Scrambler and yotari disrupt the disabled gene and produce a reeler -like phenotype in mice. Nature, 1997, 389, 730-733.	13.7	604
5	Reelin Promotes Hippocampal Dendrite Development through the VLDLR/ApoER2-Dab1 Pathway. Neuron, 2004, 41, 71-84.	3.8	331
6	Role of reelin in the control of brain development1Published on the World Wide Web on 21 October 1997.1. Brain Research Reviews, 1998, 26, 285-294.	9.1	250
7	The Reelin Signaling Pathway Promotes Dendritic Spine Development in Hippocampal Neurons. Journal of Neuroscience, 2008, 28, 10339-10348.	1.7	246
8	Interaction of reelin signaling and Lis1 in brain development. Nature Genetics, 2003, 35, 270-276.	9.4	199
9	Rapamycin suppresses seizures and neuronal hypertrophy in a mouse model of cortical dysplasia. DMM Disease Models and Mechanisms, 2009, 2, 389-398.	1.2	162
10	Reelin Is a Serine Protease of the Extracellular Matrix. Journal of Biological Chemistry, 2002, 277, 303-309.	1.6	137
11	Activation of mammalian target of rapamycin in cytomegalic neurons of human cortical dysplasia. Annals of Neurology, 2006, 60, 420-429.	2.8	135
12	Dyrk1A Overexpression Inhibits Proliferation and Induces Premature Neuronal Differentiation of Neural Progenitor Cells. Journal of Neuroscience, 2010, 30, 4004-4014.	1.7	132
13	Reeler: new tales on an old mutant mouse. BioEssays, 1998, 20, 235-244.	1.2	131
14	New Insights into Reelin-Mediated Signaling Pathways. Frontiers in Cellular Neuroscience, 2016, 10, 122.	1.8	131
15	Reelin mouse mutants as models of cortical development disorders. Epilepsy and Behavior, 2006, 8, 81-90.	0.9	106
16	Cdk5 Suppresses the Neuronal Cell Cycle by Disrupting the E2F1â€"DP1 Complex. Journal of Neuroscience, 2010, 30, 5219-5228.	1.7	100
17	Inhibition of the mammalian target of rapamycin blocks epilepsy progression in NS-Pten conditional knockout mice. Epilepsia, 2011, 52, 2065-2075.	2.6	99
18	Detection of the reelin breakpoint in reeler mice. Molecular Brain Research, 1996, 39, 234-236.	2.5	86

#	Article	IF	Citations
19	mTOR inhibition suppresses established epilepsy in a mouse model of cortical dysplasia. Epilepsia, 2015, 56, 636-646.	2.6	82
20	Reelin supplementation recovers sensorimotor gating, synaptic plasticity and associative learning deficits in the heterozygous reeler mouse. Journal of Psychopharmacology, 2013, 27, 386-395.	2.0	77
21	Dab1 Is Required for Synaptic Plasticity and Associative Learning. Journal of Neuroscience, 2013, 33, 15652-15668.	1.7	77
22	Reelin in the Years: Controlling Neuronal Migration and Maturation in the Mammalian Brain. Advances in Neuroscience (Hindawi), 2014, 2014, 1-19.	3.1	74
23	Genomic Organization of the MouseReelinGene. Genomics, 1997, 46, 240-250.	1.3	73
24	The Reeler Mouse: Anatomy of a Mutant. International Review of Neurobiology, 2005, 71, 383-417.	0.9	60
25	Targeting mTOR as a novel therapeutic strategy for traumatic CNS injuries. Drug Discovery Today, 2012, 17, 861-868.	3.2	59
26	Apoer2: A Reelin Receptor to Remember. Neuron, 2005, 47, 471-473.	3.8	58
27	Abnormal laminar position and dendrite development of interneurons in the reeler forebrain. Brain Research, 2007, 1140, 75-83.	1.1	58
28	Reelin mRNA expression during embryonic brain development in the chick. Journal of Comparative Neurology, 2000, 422, 448-463.	0.9	57
29	The Pafah1b Complex Interacts with the Reelin Receptor VLDLR. PLoS ONE, 2007, 2, e252.	1.1	57
30	Reelin and Disabled-1 Expression in Developing and Mature Human Cortical Neurons. Journal of Neuropathology and Experimental Neurology, 2003, 62, 676-684.	0.9	51
31	Reelin Induces Erk1/2 Signaling in Cortical Neurons Through a Non-canonical Pathway. Journal of Biological Chemistry, 2014, 289, 20307-20317.	1.6	49
32	Advances and Future Directions for Tuberous Sclerosis Complex Research: Recommendations From the 2015 Strategic Planning Conference. Pediatric Neurology, 2016, 60, 1-12.	1.0	43
33	Neural progenitors derived from Tuberous Sclerosis Complex patients exhibit attenuated PI3K/AKT signaling and delayed neuronal differentiation. Molecular and Cellular Neurosciences, 2018, 92, 149-163.	1.0	36
34	Development and Characterization of NEX-<i>Pten,</i> a Novel Forebrain Excitatory Neuron-Specific Knockout Mouse. Developmental Neuroscience, 2012, 34, 198-209.	1.0	34
35	Reelin Promotes Peripheral Synapse Elimination and Maturation. Science, 2003, 301, 649-653.	6.0	30
36	Beneficial Effects of Early mTORC1 Inhibition after Traumatic Brain Injury. Journal of Neurotrauma, 2016, 33, 183-193.	1.7	24

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37	Role of Akt-independent mTORC1 and GSK3Î² signaling in sublethal NMDA-induced injury and the recovery of neuronal electrophysiology and survival. Scientific Reports, 2017, 7, 1539.	1.6	24
38	Complex Neurological Phenotype in Mutant Mice Lacking<i>Tsc2</i>in Excitatory Neurons of the Developing Forebrain. ENeuro, 2015, 2, ENEURO.0046-15.2015.	0.9	24
39	Differential interaction of the Pafah1b alpha subunits with the Reelin transducer Dab1. Brain Research, 2009, 1267, 1-8.	1.1	20
40	Dab2ip Regulates Neuronal Migration and Neurite Outgrowth in the Developing Neocortex. PLoS ONE, 2012, 7, e46592.	1.1	20
41	From human tissue to animal models: Insights into the pathogenesis of cortical dysplasia. Epilepsia, 2009, 50, 28-33.	2.6	19
42	Pafah1b2 mutations suppress the development of hydrocephalus in compound Pafah1b1; Reln and Pafah1b1; Dab1 mutant mice. Neuroscience Letters, 2008, 439, 100-105.	1.0	17
43	Differential roles for Akt and mTORC1 in the hypertrophy of Pten mutant neurons, a cellular model of brain overgrowth disorders. Neuroscience, 2017, 354, 196-207.	1.1	16
44	Stimulation ofvgfgene expression by NGF is mediated through multiple signal transduction pathways involving protein phosphorylation. FEBS Letters, 1995, 360, 106-110.	1.3	14
45	Uncoupling of mitochondrial oxidative phosphorylation by hexetidine. Biochemical and Biophysical Research Communications, 1987, 147, 801-808.	1.0	12
46	Reduced Reelin Expression in the Hippocampus after Traumatic Brain Injury. Biomolecules, 2020, 10, 975.	1.8	8
47	Rapamycin treatment suppresses epileptogenic activity in conditionalPtenknockout mice. Cell Cycle, 2010, 9, 2487-2488.	1.3	7
48	The structure-function relationship of a signaling-competent, dimeric Reelin fragment. Structure, 2021, 29, 1156-1170.e6.	1.6	6
49	Reeler gene discrepancies. Nature Genetics, 1995, 11, 12-12.	9.4	3
50	Editorial: Reelin-Related Neurological Disorders and Animal Models. Frontiers in Cellular Neuroscience, 2016, 10, 299.	1.8	2
51	mRNA-Decapping Associated DcpS Enzyme Controls Critical Steps of Neuronal Development. Cerebral Cortex, 2022, 32, 1494-1507.	1.6	2
52	Reeler: new tales on an old mutant mouse. BioEssays, 1998, 20, 235-244.	1.2	2
53	Enhanced phosphorylation of S6 protein in mouse cortical layer V and subplate neurons.. NeuroReport, 2020, 31, 762-769.	0.6	0