Jason Newbern

List of Publications by Year
in descending order

24 papers	1,361 citations	516215 16 h-index	610482 24 g-index
26 all docs	26 docs citations	26 times ranked	2396 citing authors

#	Article	IF	Citations
1	Hyperactive MEK1 Signaling in Cortical GABAergic Neurons Promotes Embryonic Parvalbumin Neuron Loss and Defects in Behavioral Inhibition. Cerebral Cortex, 2021, 31, 3064-3081.	1.6	10
2	The Noonan Syndrome-linked Raf1L613V mutation drives increased glial number in the mouse cortex and enhanced learning. PLoS Genetics, 2019, 15, e1008108.	1.5	22
3	Parvalbumin fastâ€spiking interneurons are selectively altered by paediatric traumatic brain injury. Journal of Physiology, 2018, 596, 1277-1293.	1.3	26
4	Comparative study of chemical neuroanatomy of the olfactory neuropil in mouse, honey bee, and human. Biological Cybernetics, 2018, 112, 127-140.	0.6	13
5	Developmental and adult-specific processes contribute to de novo neuromuscular regeneration in the lizard tail. Developmental Biology, 2018, 433, 287-296.	0.9	23
6	Alternative Polyadenylation Directs Tissue-Specific miRNA Targeting in Caenorhabditis elegans Somatic Tissues. Genetics, 2017, 206, 757-774.	1.2	67
7	Interactions between Early Life Stress, Nucleus Accumbens MeCP2 Expression, and Methamphetamine Self-Administration in Male Rats. Neuropsychopharmacology, 2016, 41, 2851-2861.	2.8	21
8	Molecular Control of the Neural Crest and Peripheral Nervous System Development. Current Topics in Developmental Biology, 2015, 111, 201-231.	1.0	36
9	An Autism-Linked Mutation Disables Phosphorylation Control of UBE3A. Cell, 2015, 162, 795-807.	13.5	139
10	Neuronal Development: SAD Kinases Make Happy Axons. Current Biology, 2013, 23, R720-R723.	1.8	2
11	22q11 Gene dosage establishes an adaptive range for sonic hedgehog and retinoic acid signaling during early development. Human Molecular Genetics, 2013, 22, 300-312.	1.4	41
12	MEK Is a Key Regulator of Gliogenesis in the Developing Brain. Neuron, 2012, 75, 1035-1050.	3.8	145
13	Bers-ERK Schwann Cells Coordinate Nerve Regeneration. Neuron, 2012, 73, 623-626.	3.8	17
14	Specific Functions for ERK/MAPK Signaling during PNS Development. Neuron, 2011, 69, 91-105.	3.8	181
15	Signaling Endosomes Trigger Synapse Assembly. Neuron, 2010, 67, 352-354.	3.8	1
16	Nrg1/ErbB signaling networks in Schwann cell development and myelination. Seminars in Cell and Developmental Biology, 2010, 21, 922-928.	2.3	207
17	Taking Off the SOCS: Cytokine Signaling Spurs Regeneration. Neuron, 2009, 64, 591-592.	3.8	8
18	Fewer active motors per vesicle may explain slowed vesicle transport in chick motoneurons after three days in vitro. Brain Research, 2008, 1211, 6-12.	1.1	10

#	Article	IF	Citations
19	Mouse and human phenotypes indicate a critical conserved role for ERK2 signaling in neural crest development. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17115-17120.	3.3	159
20	Astrocyte and Muscle-Derived Secreted Factors Differentially Regulate Motoneuron Survival. Journal of Neuroscience, 2007, 27, 634-644.	1.7	25
21	c-Jun N-terminal kinase signaling regulates events associated with both health and degeneration in motoneurons. Neuroscience, 2007, 147, 680-692.	1.1	21
22	Decreases in phosphoinositide-3-kinase/Akt and extracellular signal-regulated kinase 1/2 signaling activate components of spinal motoneuron death. Journal of Neurochemistry, 2005, 94, 1652-1665.	2.1	15
23	Phosphorylation of c-Jun in Avian and Mammalian Motoneurons In Vivo during Programmed Cell Death: An Early Reversible Event in the Apoptotic Cascade. Journal of Neuroscience, 2005, 25, 5595-5603.	1.7	50
24	Extracellular Heat Shock Protein 70: A Critical Component for Motoneuron Survival. Journal of Neuroscience, 2005, 25, 9735-9745.	1.7	122