

Jason Newbern

List of Publications by Year in descending order

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Version: 2024-02-01

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	Nrg1/ErbB signaling networks in Schwann cell development and myelination. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 922-928.	2.3	207
2	Specific Functions for ERK/MAPK Signaling during PNS Development. <i>Neuron</i> , 2011, 69, 91-105.	3.8	181
3	Mouse and human phenotypes indicate a critical conserved role for ERK2 signaling in neural crest development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17115-17120.	3.3	159
4	MEK Is a Key Regulator of Gliogenesis in the Developing Brain. <i>Neuron</i> , 2012, 75, 1035-1050.	3.8	145
5	An Autism-Linked Mutation Disables Phosphorylation Control of UBE3A. <i>Cell</i> , 2015, 162, 795-807.	13.5	139
6	Extracellular Heat Shock Protein 70: A Critical Component for Motoneuron Survival. <i>Journal of Neuroscience</i> , 2005, 25, 9735-9745.	1.7	122
7	Alternative Polyadenylation Directs Tissue-Specific miRNA Targeting in <i>Caenorhabditis elegans</i> Somatic Tissues. <i>Genetics</i> , 2017, 206, 757-774.	1.2	67
8	Phosphorylation of c-Jun in Avian and Mammalian Motoneurons In Vivo during Programmed Cell Death: An Early Reversible Event in the Apoptotic Cascade. <i>Journal of Neuroscience</i> , 2005, 25, 5595-5603.	1.7	50
9	22q11 Gene dosage establishes an adaptive range for sonic hedgehog and retinoic acid signaling during early development. <i>Human Molecular Genetics</i> , 2013, 22, 300-312.	1.4	41
10	Molecular Control of the Neural Crest and Peripheral Nervous System Development. <i>Current Topics in Developmental Biology</i> , 2015, 111, 201-231.	1.0	36
11	Parvalbumin fast-spiking interneurons are selectively altered by paediatric traumatic brain injury. <i>Journal of Physiology</i> , 2018, 596, 1277-1293.	1.3	26
12	Astrocyte and Muscle-Derived Secreted Factors Differentially Regulate Motoneuron Survival. <i>Journal of Neuroscience</i> , 2007, 27, 634-644.	1.7	25
13	Developmental and adult-specific processes contribute to de novo neuromuscular regeneration in the lizard tail. <i>Developmental Biology</i> , 2018, 433, 287-296.	0.9	23
14	The Noonan Syndrome-linked Raf1L613V mutation drives increased glial number in the mouse cortex and enhanced learning. <i>PLoS Genetics</i> , 2019, 15, e1008108.	1.5	22
15	c-Jun N-terminal kinase signaling regulates events associated with both health and degeneration in motoneurons. <i>Neuroscience</i> , 2007, 147, 680-692.	1.1	21
16	Interactions between Early Life Stress, Nucleus Accumbens MeCP2 Expression, and Methamphetamine Self-Administration in Male Rats. <i>Neuropsychopharmacology</i> , 2016, 41, 2851-2861.	2.8	21
17	Bers-ERK Schwann Cells Coordinate Nerve Regeneration. <i>Neuron</i> , 2012, 73, 623-626.	3.8	17
18	Decreases in phosphoinositide-3-kinase/Akt and extracellular signal-regulated kinase 1/2 signaling activate components of spinal motoneuron death. <i>Journal of Neurochemistry</i> , 2005, 94, 1652-1665.	2.1	15

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19	Comparative study of chemical neuroanatomy of the olfactory neuropil in mouse, honey bee, and human. <i>Biological Cybernetics</i> , 2018, 112, 127-140.	0.6	13
20	Fewer active motors per vesicle may explain slowed vesicle transport in chick motoneurons after three days in vitro. <i>Brain Research</i> , 2008, 1211, 6-12.	1.1	10
21	Hyperactive MEK1 Signaling in Cortical GABAergic Neurons Promotes Embryonic Parvalbumin Neuron Loss and Defects in Behavioral Inhibition. <i>Cerebral Cortex</i> , 2021, 31, 3064-3081.	1.6	10
22	Taking Off the SOCS: Cytokine Signaling Spurs Regeneration. <i>Neuron</i> , 2009, 64, 591-592.	3.8	8
23	Neuronal Development: SAD Kinases Make Happy Axons. <i>Current Biology</i> , 2013, 23, R720-R723.	1.8	2
24	Signaling Endosomes Trigger Synapse Assembly. <i>Neuron</i> , 2010, 67, 352-354.	3.8	1