

David González-Forero

List of Publications by Year in descending order

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26
papers

836
citations

516710

16
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552781

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all docs

26
docs citations

26
times ranked

957
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting autotaxin impacts disease advance in the SOD1 ^{G93A} mouse model of amyotrophic lateral sclerosis. <i>Brain Pathology</i> , 2022, 32, e13022.	4.1	3
2	Interfering with lysophosphatidic acid receptor <i>edg2/lpa¹</i> signalling slows down disease progression in <i>SOD1^{G93A}</i> transgenic mice. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 1004-1018.	3.2	4
3	Lysophosphatidic Acid and Several Neurotransmitters Converge on Rho-Kinase 2 Signaling to Manage Motoneuron Excitability. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 788039.	2.9	2
4	Sp1-regulated expression of p11 contributes to motor neuron degeneration by membrane insertion of TASK1. <i>Nature Communications</i> , 2019, 10, 3784.	12.8	23
5	Membrane-Derived Phospholipids Control Synaptic Neurotransmission and Plasticity. <i>PLoS Biology</i> , 2015, 13, e1002153.	5.6	57
6	Retrograde response in axotomized motoneurons: Nitric oxide as a key player in triggering reversion toward a dedifferentiated phenotype. <i>Neuroscience</i> , 2014, 283, 138-165.	2.3	17
7	Endogenous Rho-Kinase Signaling Maintains Synaptic Strength by Stabilizing the Size of the Readily Releasable Pool of Synaptic Vesicles. <i>Journal of Neuroscience</i> , 2012, 32, 68-84.	3.6	48
8	NO Orchestrates the Loss of Synaptic Boutons from Adult "Sick" Motoneurons: Modeling a Molecular Mechanism. <i>Molecular Neurobiology</i> , 2011, 43, 41-66.	4.0	37
9	The A-Current Modulates Learning via NMDA Receptors Containing the NR2B Subunit. <i>PLoS ONE</i> , 2011, 6, e24915.	2.5	13
10	Nitric Oxide Induces Pathological Synapse Loss by a Protein Kinase G-, Rho Kinase-Dependent Mechanism Preceded by Myosin Light Chain Phosphorylation. <i>Journal of Neuroscience</i> , 2010, 30, 973-984.	3.6	61
11	The nitric oxide/cyclic guanosine monophosphate pathway modulates the inspiratory-related activity of hypoglossal motoneurons in the adult rat. <i>European Journal of Neuroscience</i> , 2008, 28, 107-116.	2.6	17
12	Evidence for a detrimental role of nitric oxide synthesized by endothelial nitric oxide synthase after peripheral nerve injury. <i>Neuroscience</i> , 2008, 157, 40-51.	2.3	17
13	Inhibition of Resting Potassium Conductances by Long-Term Activation of the NO/cGMP/Protein Kinase G Pathway: A New Mechanism Regulating Neuronal Excitability. <i>Journal of Neuroscience</i> , 2007, 27, 6302-6312.	3.6	42
14	Nitric Oxide and Synaptic Dynamics in the Adult Brain: Physiopathological Aspects. <i>Reviews in the Neurosciences</i> , 2006, 17, 309-57.	2.9	41
15	Nitric Oxide-Directed Synaptic Remodeling in the Adult Mammal CNS. <i>Journal of Neuroscience</i> , 2005, 25, 1448-1458.	3.6	76
16	Regulation of Gephyrin Cluster Size and Inhibitory Synaptic Currents on Renshaw Cells by Motor Axon Excitatory Inputs. <i>Journal of Neuroscience</i> , 2005, 25, 417-429.	3.6	33
17	Noncholinergic excitatory actions of motoneurons in the neonatal mammalian spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7344-7349.	7.1	152
18	Differential Postnatal Maturation of GABAA, Glycine Receptor, and Mixed Synaptic Currents in Renshaw Cells and Ventral Spinal Interneurons. <i>Journal of Neuroscience</i> , 2005, 25, 2010-2023.	3.6	63

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19	Transynaptic effects of tetanus neurotoxin in the oculomotor system. <i>Brain</i> , 2005, 128, 2175-2188.	7.6	22
20	Nerve injury reduces responses of hypoglossal motoneurons to baseline and chemoreceptor-modulated inspiratory drive in the adult rat. <i>Journal of Physiology</i> , 2004, 557, 991-1011.	2.9	27
21	Synaptic structural modification following changes in activity induced by tetanus neurotoxin in cat abducens neurons. <i>Journal of Comparative Neurology</i> , 2004, 471, 201-218.	1.6	13
22	Functional Alterations of Cat Abducens Neurons After Peripheral Tetanus Neurotoxin Injection. <i>Journal of Neurophysiology</i> , 2003, 89, 1878-1890.	1.8	13
23	Recruitment Order of Cat Abducens Motoneurons and Internuclear Neurons. <i>Journal of Neurophysiology</i> , 2003, 90, 2240-2252.	1.8	23
24	Correlation between CGRP immunoreactivity and firing activity in cat abducens motoneurons. <i>Journal of Comparative Neurology</i> , 2002, 451, 201-212.	1.6	9
25	Influence of afferent synaptic innervation on the discharge variability of cat abducens motoneurons. <i>Journal of Physiology</i> , 2002, 541, 283-299.	2.9	16
26	Reversible deafferentation of abducens motoneurons and internuclear neurons with tetanus neurotoxin. <i>NeuroReport</i> , 2001, 12, 753-756.	1.2	7