Jordi CalderÃ³

List of Publications by Year
in descending order

39 papers	1,265 citations	304743 22 h-index	361022 35 g-index
39 all docs	39 docs citations	39 times ranked	1341 citing authors

#	Article	IF	Citations
1	Accumulation of misfolded <scp>SOD1</scp> outlines distinct patterns of motor neuron pathology and death during disease progression in a <scp>SOD1^{G93A}</scp> mouse model of amyotrophic lateral sclerosis. Brain Pathology, 2022, 32, .	4.1	6
2	Microglial recruitment and mechanisms involved in the disruption of afferent synaptic terminals on spinal cord motor neurons after acute peripheral nerve injury. Glia, 2021, 69, 1216-1240.	4.9	22
3	Beneficial effects of dietary supplementation with green tea catechins and cocoa flavanols on aging-related regressive changes in the mouse neuromuscular system. Aging, 2021, 13, 18051-18093.	3.1	4
4	Motoneuron deafferentation and gliosis occur in association with neuromuscular regressive changes during ageing in mice. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 1628-1660.	7.3	21
5	Nusinersen ameliorates motor function and prevents motoneuron Cajal body disassembly and abnormal poly(A) RNA distribution in a SMA mouse model. Scientific Reports, 2020, 10, 10738.	3.3	8
6	Localization and dynamic changes of neuregulinâ€1 at Câ€type synaptic boutons in association with motor neuron injury and repair. FASEB Journal, 2019, 33, 7833-7851.	0.5	30
7	The Y172 Monoclonal Antibody Against p-c-Jun (Ser63) Is a Marker of the Postsynaptic Compartment of C-Type Cholinergic Afferent Synapses on Motoneurons. Frontiers in Cellular Neuroscience, 2019, 13, 582.	3.7	1
8	Glial Activation and Central Synapse Loss, but Not Motoneuron Degeneration, Are Prevented by the Sigma-1 Receptor Agonist PRE-084 in the Smn2B/âˆ’ Mouse Model of Spinal Muscular Atrophy. Journal of Neuropathology and Experimental Neurology, 2018, 77, 577-597.	1.7	30
9	Accumulation of poly(A) RNA in nuclear granules enriched in Sam68 in motor neurons from the SMNÎ”7 mouse model of SMA. Scientific Reports, 2018, 8, 9646.	3.3	15
10	Neuregulin 1-ErbB module in C-bouton synapses on somatic motor neurons: molecular compartmentation and response to peripheral nerve injury. Scientific Reports, 2017, 7, 40155.	3.3	32
11	Cellular bases of the RNA metabolism dysfunction in motor neurons of a murine model of spinal muscular atrophy: Role of Cajal bodies and the nucleolus. Neurobiology of Disease, 2017, 108, 83-99.	4.4	21
12	Chronic Treatment with the AMPK Agonist AICAR Prevents Skeletal Muscle Pathology but Fails to Improve Clinical Outcome in a Mouse Model of Severe Spinal Muscular Atrophy. Neurotherapeutics, 2016, 13, 198-216.	4.4	27
13	Accumulation of Misfolded SOD1 in Dorsal Root Ganglion Degenerating Proprioceptive Sensory Neurons of Transgenic Mice with Amyotrophic Lateral Sclerosis. BioMed Research International, 2014, 2014, 1-13.	1.9	38
14	Mechanisms Involved in Spinal Cord Central Synapse Loss in a Mouse Model of Spinal Muscular Atrophy. Journal of Neuropathology and Experimental Neurology, 2014, 73, 519-535.	1.7	57
15	Neuregulinâ€1 is concentrated in the postsynaptic subsurface cistern of Câ€bouton inputs to Î±â€motoneurons and altered during motoneuron diseases. FASEB Journal, 2014, 28, 3618-3632.	0.5	65
16	Chronic treatment with lithium does not improve neuromuscular phenotype in a mouse model of severe spinal muscular atrophy. Neuroscience, 2013, 250, 417-433.	2.3	8
17	Defective Neuromuscular Junction Organization and Postnatal Myogenesis in Mice With Severe Spinal Muscular Atrophy. Journal of Neuropathology and Experimental Neurology, 2011, 70, 444-461.	1.7	68
18	Increased intramuscular nerve branching and inhibition of programmed cell death of chick embryo motoneurons by immunoglobulins from patients with motoneuron disease. Journal of Neuroimmunology, 2010, 229, 157-168.	2.3	3

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19	Lithium prevents excitotoxic cell death of motoneurons in organotypic slice cultures of spinal cord. Neuroscience, 2010, 165, 1353-1369.	2.3	58
20	Excitotoxic motoneuron degeneration induced by glutamate receptor agonists and mitochondrial toxins in organotypic cultures of chick embryo spinal cord. Journal of Comparative Neurology, 2009, 516, 277-290.	1.6	21
21	Development of microglia in the chick embryo spinal cord: Implications in the regulation of motoneuronal survival and death. Journal of Neuroscience Research, 2009, 87, 2447-2466.	2.9	48
22	The rescue of developing avian motoneurons from programmed cell death by a selective inhibitor of the fetal muscleâ€specific nicotinic acetylcholine receptor. Developmental Neurobiology, 2008, 68, 972-980.	3.0	15
23	Survival and death of mature avian motoneurons in organotypic slice culture: Trophic requirements for survival and different types of degeneration. Journal of Comparative Neurology, 2007, 501, 669-690.	1.6	30
24	Excitotoxic motoneuron disease in chick embryo evolves with autophagic neurodegeneration and deregulation of neuromuscular innervation. Journal of Neuroscience Research, 2007, 85, 2726-2740.	2.9	15
25	Protein retention in the endoplasmic reticulum, blockade of programmed cell death and autophagy selectively occur in spinal cord motoneurons after glutamate receptor-mediated injury. Molecular and Cellular Neurosciences, 2005, 29, 283-298.	2.2	45
26	Rescue of developing spinal motoneurons from programmed cell death by the GABAA agonist muscimol acts by blockade of neuromuscular activity and increased intramuscular nerve branching. Molecular and Cellular Neurosciences, 2003, 22, 331-343.	2.2	31
27	In Vivo Analysis of Schwann Cell Programmed Cell Death in the Embryonic Chick: Regulation by Axons and Glial Growth Factor. Journal of Neuroscience, 2002, 22, 4509-4521.	3.6	36
28	Long-Lasting Aberrant Tubulovesicular Membrane Inclusions Accumulate in Developing Motoneurons after a Sublethal Excitotoxic Insult: A Possible Model for Neuronal Pathology in Neurodegenerative Disease. Journal of Neuroscience, 2001, 21, 8072-8081.	3.6	25
29	Opposing Effects of Excitatory Amino Acids on Chick Embryo Spinal Cord Motoneurons: Excitotoxic Degeneration or Prevention of Programmed Cell Death. Journal of Neuroscience, 1999, 19, 10803-10812.	3.6	43
30	Peripheral Target Regulation of the Development and Survival of Spinal Sensory and Motor Neurons in the Chick Embryo. Journal of Neuroscience, 1998, 18, 356-370.	3.6	106
31	Effects of excitatory amino acids on neuromuscular development in the chick embryo. , 1997, 387, 73-95.		36
32	Intramuscular nerve sprouting induced by CNTF is associated with increases in CGRP content in mouse motor nerve terminals. Neuroscience Letters, 1996, 219, 60-64.	2.1	18
33	Schwann Cell Apoptosis during Normal Development and after Axonal Degeneration Induced by Neurotoxins in the Chick Embryo. Journal of Neuroscience, 1996, 16, 3979-3990.	3.6	75
34	Regulation of Motoneuronal Calcitonin Gene-related Peptide (CGRP) During Axonal Growth and Neuromuscular Synaptic Plasticity Induced by Botulinum Toxin in Rats. European Journal of Neuroscience, 1996, 8, 829-836.	2.6	63
35	Evidence for calcium regulation of spinal cord motoneuron death in the chick embryo in vivo. Developmental Brain Research, 1995, 86, 167-179.	1.7	12
36	Appearance of ear tumors in Sprague-Dawley rats treated with 1,2-dimethylhydrazine when used as a model for colonic carcinogenesis. Carcinogenesis, 1992, 13, 493-495.	2.8	4

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37	Calcitonin gene-related peptide in rat spinal cord motoneurons: Subcellular distribution and changes induced by axotomy. Neuroscience, 1992, 48, 449-461.	2.3	66
38	Regional distribution of glycoconjugates in normal, transitional and neoplastic human colonic mucosa. Virchows Archiv A, Pathological Anatomy and Histopathology, 1989, 415, 347-356.	1.4	35
39	Distribution and changes of glycoconjugates in rat colonic mucosa during development. Histochemistry, 1988, 90, 261-270.	1.9	27