

Miguel Martin-Caraballo

List of Publications by Year in descending order

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31
papers

684
citations

516710

16
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of phrenic nerve and diaphragm muscle development in the perinatal rat. <i>Journal of Applied Physiology</i> , 1999, 86, 779-786.	2.5	98
2	Electrophysiological Properties of Rat Phrenic Motoneurons During Perinatal Development. <i>Journal of Neurophysiology</i> , 1999, 81, 1365-1378.	1.8	67
3	Akt Activation Is Necessary for Growth Factor-Induced Trafficking of Functional K _{Ca} Channels in Developing Parasympathetic Neurons. <i>Journal of Neurophysiology</i> , 2005, 93, 1174-1182.	1.8	51
4	T-type Calcium Channels in Cancer. <i>Cancers</i> , 2019, 11, 134.	3.7	49
5	Voltage-sensitive calcium currents and their role in regulating phrenic motoneuron electrical excitability during the perinatal period. <i>Journal of Neurobiology</i> , 2001, 46, 231-248.	3.6	44
6	Development of Potassium Conductances in Perinatal Rat Phrenic Motoneurons. <i>Journal of Neurophysiology</i> , 2000, 83, 3497-3508.	1.8	42
7	Glial Cell Line-Derived Neurotrophic Factor and Target-Dependent Regulation of Large-Conductance K _{Ca} Channels in Developing Chick Lumbar Motoneurons. <i>Journal of Neuroscience</i> , 2002, 22, 10201-10208.	3.6	26
8	Regulation of T-type calcium channel expression by sodium butyrate in prostate cancer cells. <i>European Journal of Pharmacology</i> , 2015, 749, 20-31.	3.5	25
9	Activity- and Target-Dependent Regulation of Large-Conductance Ca ²⁺ -Activated K ⁺ Channels in Developing Chick Lumbar Motoneurons. <i>Journal of Neuroscience</i> , 2002, 22, 73-81.	3.6	24
10	Leukemia inhibitory factor regulates trafficking of T-type Ca ²⁺ channels. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C576-C587.	4.6	23
11	Posttranscriptional regulation of T-type Ca ²⁺ channel expression by interleukin-6 in prostate cancer cells. <i>Cytokine</i> , 2015, 76, 309-320.	3.2	23
12	Regulation of T-type Ca ²⁺ channel expression by herpes simplex virus-1 infection in sensory-like ND7 cells. <i>Journal of NeuroVirology</i> , 2017, 23, 657-670.	2.1	22
13	Contractile and fatigue properties of the rat diaphragm musculature during the perinatal period. <i>Journal of Applied Physiology</i> , 2000, 88, 573-580.	2.5	21
14	CNTF-evoked activation of JAK and ERK mediates the functional expression of T-type Ca ²⁺ channels in chicken nodose neurons. <i>Journal of Neurochemistry</i> , 2009, 108, 246-259.	3.9	21
15	Regulation of T-type Ca ²⁺ channel expression by interleukin-6 in sensory-like ND7/23 cells post-herpes simplex virus (HSV-1) infection. <i>Journal of Neurochemistry</i> , 2019, 151, 238-254.	3.9	20
16	Extrinsic regulation of T-type Ca ²⁺ channel expression in chick nodose ganglion neurons. <i>Developmental Neurobiology</i> , 2007, 67, 1915-1931.	3.0	17
17	Inhibition of Electrical Activity by Retroviral Infection with Kir2.1 Transgenes Disrupts Electrical Differentiation of Motoneurons. <i>PLoS ONE</i> , 2008, 3, e2971.	2.5	14
18	Developmental characteristics of AMPA receptors in chick lumbar motoneurons. <i>Developmental Neurobiology</i> , 2007, 67, 1419-1432.	3.0	11

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19	Expression pattern of T-type Ca ²⁺ channels in embryonic chick nodose ganglion neurons. <i>Developmental Neurobiology</i> , 2007, 67, 1901-1914.	3.0	11
20	Modulation of Voltage-Gated Sodium Channel Activity in Human Dorsal Root Ganglion Neurons by Herpesvirus Quiescent Infection. <i>Journal of Virology</i> , 2020, 94, .	3.4	11
21	6 Hz Active Anticonvulsant Fluorinated N-Benzamide Enaminones and Their Inhibitory Neuronal Activity. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1784.	2.6	10
22	Differential effect of glutamate receptor blockade on dendritic outgrowth in chicken lumbar motoneurons. <i>Neuropharmacology</i> , 2010, 58, 593-604.	4.1	9
23	Developmental plasticity of phrenic motoneuron and diaphragm properties with the inception of inspiratory drive transmission in utero. <i>Experimental Neurology</i> , 2017, 287, 137-143.	4.1	9
24	Major differences in glycosylation and fucosyltransferase expression in low-grade versus high-grade bladder cancer cell lines. <i>Glycobiology</i> , 2021, 31, 1444-1463.	2.5	8
25	Downregulation of GluA2 AMPA Receptor Subunits Reduces the Dendritic Arborization of Developing Spinal Motoneurons. <i>PLoS ONE</i> , 2012, 7, e49879.	2.5	6
26	Pharmacological manipulation of GABA-driven activity in ovo disrupts the development of dendritic morphology but not the maturation of spinal cord network activity. <i>Neural Development</i> , 2010, 5, 11.	2.4	5
27	Volatile Organic Compound Gamma-Butyrolactone Released upon Herpes Simplex Virus Type -1 Acute Infection Modulated Membrane Potential and Repressed Viral Infection in Human Neuron-Like Cells. <i>PLoS ONE</i> , 2016, 11, e0161119.	2.5	5
28	Androgen receptor signaling regulates T-type Ca channel expression and neuroendocrine differentiation in prostate cancer cells. <i>American Journal of Cancer Research</i> , 2018, 8, 732-747.	1.4	5
29	Pathophysiological roles and therapeutic potential of voltage-gated ion channels (VGICs) in pain associated with herpesvirus infection. <i>Cell and Bioscience</i> , 2020, 10, 70.	4.8	2
30	Evaluation of potential anticonvulsant fluorinated N-benzamide enaminones as T-type Ca ²⁺ channel blockers. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 65, 116766.	3.0	2
31	Establishing a Herpesvirus Quiescent Infection in Differentiated Human Dorsal Root Ganglion Neuronal Cell Line Mediated by Micro-RNA Overexpression. <i>Pathogens</i> , 2022, 11, 803.	2.8	2