

Miguel Martin-Caraballo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	T-type Calcium Channels in Cancer. <i>Cancers</i> , 2019, 11, 134.	3.7	49
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Downregulation of GluA2 AMPA Receptor Subunits Reduces the Dendritic Arborization of Developing Spinal Motoneurons. <i>PLoS ONE</i> , 2012, 7, e49879.	2.5	6
16	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
17	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
18	Differential effect of glutamate receptor blockade on dendritic outgrowth in chicken lumbar motoneurons. <i>Neuropharmacology</i> , 2010, 58, 593-604.	4.1	9

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19	CNTF-evoked activation of JAK and ERK mediates the functional expression of Ca^{2+} channels in chicken nodose neurons. Journal of Neurochemistry, 2009, 108, 246-259.	3.9	21
20	Inhibition of Electrical Activity by Retroviral Infection with Kir2.1 Transgenes Disrupts Electrical Differentiation of Motoneurons. PLoS ONE, 2008, 3, e2971.	2.5	14
21	Developmental characteristics of AMPA receptors in chick lumbar motoneurons. Developmental Neurobiology, 2007, 67, 1419-1432.	3.0	11
22	Extrinsic regulation of Ca^{2+} channel expression in chick nodose ganglion neurons. Developmental Neurobiology, 2007, 67, 1915-1931.	3.0	17
23	Expression pattern of Ca^{2+} channels in embryonic chick nodose ganglion neurons. Developmental Neurobiology, 2007, 67, 1901-1914.	3.0	11
24	Akt Activation Is Necessary for Growth Factor-Induced Trafficking of Functional K _{Ca} Channels in Developing Parasympathetic Neurons. Journal of Neurophysiology, 2005, 93, 1174-1182.	1.8	51
25	Glial Cell Line-Derived Neurotrophic Factor and Target-Dependent Regulation of Large-Conductance K _{Ca} Channels in Developing Chick Lumbar Motoneurons. Journal of Neuroscience, 2002, 22, 10201-10208.	3.6	26
26	Activity- and Target-Dependent Regulation of Large-Conductance Ca^{2+} -Activated K ⁺ Channels in Developing Chick Lumbar Motoneurons. Journal of Neuroscience, 2002, 22, 73-81.	3.6	24
27	Voltage-sensitive calcium currents and their role in regulating phrenic motoneuron electrical excitability during the perinatal period. Journal of Neurobiology, 2001, 46, 231-248.	3.6	44
28	Contractile and fatigue properties of the rat diaphragm musculature during the perinatal period. Journal of Applied Physiology, 2000, 88, 573-580.	2.5	21
29	Development of Potassium Conductances in Perinatal Rat Phrenic Motoneurons. Journal of Neurophysiology, 2000, 83, 3497-3508.	1.8	42
30	Electrophysiological Properties of Rat Phrenic Motoneurons During Perinatal Development. Journal of Neurophysiology, 1999, 81, 1365-1378.	1.8	67
31	An overview of phrenic nerve and diaphragm muscle development in the perinatal rat. Journal of Applied Physiology, 1999, 86, 779-786.	2.5	98