Humberto Cavalcante Joca

List of Publications by Year
in descending order

23	520	687335 13	713444 21
papers	citations	h-index	g-index

25	25	25	741
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microtubules tune mechanotransduction through NOX2 and TRPV4 to decrease sclerostin abundance in osteocytes. Science Signaling, 2017, 10, .	3.6	80
2	Linalool blocks excitability in peripheral nerves and voltage-dependent Na+ current in dissociated dorsal root ganglia neurons. European Journal of Pharmacology, 2010, 645, 86-93.	3.5	61
3	Dynamics of the mitochondrial permeability transition pore: Transient and permanent opening events. Archives of Biochemistry and Biophysics, 2019, 666, 31-39.	3.0	46
4	Carvacrol Decreases Neuronal Excitability by Inhibition of Voltage-Gated Sodium Channels. Journal of Natural Products, 2012, 75, 1511-1517.	3.0	44
5	ATP- and voltage-dependent electro-metabolic signaling regulates blood flow in heart. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7461-7470.	7.1	44
6	Tubulin acetylation increases cytoskeletal stiffness to regulate mechanotransduction in striated muscle. Journal of General Physiology, 2021, 153, .	1.9	30
7	Hydroalcoholic extract from Nerium oleander L. (Apocynaceae) elicits arrhythmogenic activity. Journal of Ethnopharmacology, 2017, 206, 170-177.	4.1	29
8	Absence of synemin in mice causes structural and functional abnormalities in heart. Journal of Molecular and Cellular Cardiology, 2018, 114, 354-363.	1.9	23
9	TRPV4 calcium influx controls sclerostin protein loss independent of purinergic calcium oscillations. Bone, 2020, 136, 115356.	2.9	23
10	Disparate bone anabolic cues activate bone formation by regulating the rapid lysosomal degradation of sclerostin protein. ELife, 2021, 10, .	6.0	21
11	Carvacrol modulates voltage-gated sodium channels kinetics in dorsal root ganglia. European Journal of Pharmacology, 2015, 756, 22-29.	3.5	17
12	Attenuating persistent sodium currentâ€“induced atrial myopathy and fibrillation by preventing mitochondrial oxidative stress. JCI Insight, 2021, 6, .	5.0	17
13	Investigation of terpinen-4-ol effects on vascular smooth muscle relaxation. Life Sciences, 2014, 115, 52-58.	4.3	16
14	n5-STZ Diabetic Model Develops Alterations in Sciatic Nerve and Dorsal Root Ganglia Neurons of Wistar Rats. Isrn Endocrinology, 2013, 2013, 1-13.	2.0	13
15	New insights into the elucidation of angiotensinâ€(1â€“7) inÂvivo antiarrhythmic effects and its related cellular mechanisms. Experimental Physiology, 2016, 101, 1506-1516.	2.0	13
16	Real-time scratch assay reveals mechanisms of early calcium signaling in breast cancer cells in response to wounding. Oncotarget, 2018, 9, 25008-25024.	1.8	11
17	Quantitative tests reveal that microtubules tune the healthy heart but underlie arrhythmias in pathology. Journal of Physiology, 2020, 598, 1327-1338.	2.9	8
18	Sarcomeric deficits underlie MYBPC1-associated myopathy with myogenic tremor. JCI Insight, 2021, 6, .	5.0	8

#	Article	IF	Citations
19	Diminazene aceturate (DIZE) has cellular and in vivo antiarrhythmic effects. Clinical and Experimental Pharmacology and Physiology, 2020, 47, 213-219.	1.9	6
20	Calcium Signaling Silencing in Atrial Fibrillation: Implications for Atrial Sodium Homeostasis. International Journal of Molecular Sciences, 2021, 22, 10513.	4.1	5
21	Dynamic Measurement and Imaging of Capillaries, Arterioles, and Pericytes in Mouse Heart. Journal of Visualized Experiments, 2020, , .	0.3	3
22	Menthol: Biological Effects and Toxicity. , 2013, , 3989-3999.		0
23	Dynamic blood flow control by ATPâ€sensitive K + channel in heart. FASEB Journal, 2018, 32, 843.24.	0.5	0