Iago MÃ©ndez-LÃ³pez

List of Publications by Year
in descending order

17 papers	212 citations	1040056 9 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	375 citing authors

#	Article	IF	Citations
1	The purinergic P2X7 receptor as a potential drug target to combat neuroinflammation in neurodegenerative diseases. Medicinal Research Reviews, 2020, 40, 2427-2465.	10.5	44
2	The Stimulated Glycolytic Pathway Is Able to Maintain ATP Levels and Kinetic Patterns of Bovine Epididymal Sperm Subjected to Mitochondrial Uncoupling. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-8.	4.0	36
3	ITH14001, a CGP37157-Nimodipine Hybrid Designed to Regulate Calcium Homeostasis and Oxidative Stress, Exerts Neuroprotection in Cerebral Ischemia. ACS Chemical Neuroscience, 2017, 8, 67-81.	3.5	20
4	Functional Upregulation of STIM-1/Orai-1-Mediated Store-Operated Ca2+ Contributing to the Hypertension Development Elicited by Chronic EtOH Consumption. Current Vascular Pharmacology, 2017, 15, 265-281.	1.7	17
5	Faster kinetics of quantal catecholamine release in mouse chromaffin cells stimulated with acetylcholine, compared with other secretagogues. Journal of Neurochemistry, 2016, 139, 722-736.	3.9	13
6	Hydrogen sulphide facilitates exocytosis by regulating the handling of intracellular calcium by chromaffin cells. Pflugers Archiv European Journal of Physiology, 2018, 470, 1255-1270.	2.8	11
7	Altered mitochondrial function, calcium signaling, and catecholamine release in chromaffin cells of diabetic and SHR rats. European Journal of Pharmacology, 2017, 815, 416-426.	3.5	10
8	Progressive Mitochondrial SOD1G93A Accumulation Causes Severe Structural, Metabolic and Functional Aberrations through OPA1 Down-Regulation in a Mouse Model of Amyotrophic Lateral Sclerosis. International Journal of Molecular Sciences, 2021, 22, 8194.	4.1	10
9	The quantal catecholamine release from mouse chromaffin cells challenged with repeated ACh pulses is regulated by the mitochondrial Na⁺/Ca²⁺ exchanger. Journal of Physiology, 2017, 595, 2129-2146.	2.9	9
10	Chronic resveratrol consumption prevents hypertension development altering electrophysiological currents and Ca2+ signaling in chromaffin cells from SHR rats. Cellular Signalling, 2020, 76, 109811.	3.6	9
11	Altered excitability and exocytosis in chromaffin cells from the R6/1 mouse model of Huntington's disease is linked to overâ€expression of mutated huntingtin. Journal of Neurochemistry, 2018, 147, 454-476.	3.9	8
12	Electrophysiological properties and augmented catecholamine release from chromaffin cells of WKY and SHR rats contributing to the hypertension development elicited by chronic EtOH consumption. European Journal of Pharmacology, 2017, 803, 65-77.	3.5	7
13	Dual Antidepressant Duloxetine Blocks Nicotinic Receptor Currents, Calcium Signals and Exocytosis in Chromaffin Cells Stimulated with Acetylcholine. Journal of Pharmacology and Experimental Therapeutics, 2018, 367, 28-39.	2.5	5
14	Adrenergic chromaffin cells are adrenergic even in the absence of epinephrine. Journal of Neurochemistry, 2020, 152, 299-314.	3.9	5
15	Tight mitochondrial control of calcium and exocytotic signals in chromaffin cells at embryonic life. Pflugers Archiv European Journal of Physiology, 2015, 467, 2589-2601.	2.8	3
16	Altered mitochondrial function, capacitative calcium entry and contractions in the aorta of hypertensive rats. Journal of Hypertension, 2017, 35, 1594-1608.	0.5	3
17	Addition to â€œITH14001, a CGP37157-Nimodipine Hybrid Designed to Regulate Calcium Homeostasis and Oxidative Stress, Exerts Neuroprotection in Cerebral Ischemiaâ€• ACS Chemical Neuroscience, 2017, 8, 210-210.	3.5	2