Jorge M A Oliveira

List of Publications by Year
in descending order

37 papers	1,981 citations	257429 24 h-index	361001 35 g-index
37 all docs	37 docs citations	37 times ranked	3441 citing authors

#	Article	IF	Citations
1	Adenosine A_{2A}Receptor Blockade Prevents Synaptotoxicity and Memory Dysfunction Caused by Î²-Amyloid Peptides via p38 Mitogen-Activated Protein Kinase Pathway. Journal of Neuroscience, 2009, 29, 14741-14751.	3.6	308
2	Nature and cause of mitochondrial dysfunction in Huntingtonâ€™s disease: focusing on huntingtin and the striatum. Journal of Neurochemistry, 2010, 114, 1-12.	3.9	177
3	Mitochondrial dysfunction in Huntingtonâ€™s disease: the bioenergetics of isolated and in situ mitochondria from transgenic mice. Journal of Neurochemistry, 2007, 101, 241-249.	3.9	125
4	Mitochondrial-Dependent Ca2+ Handling in Huntington's Disease Striatal Cells: Effect of Histone Deacetylase Inhibitors. Journal of Neuroscience, 2006, 26, 11174-11186.	3.6	124
5	Disruption of zebrafish (Danio rerio) embryonic development after full life-cycle parental exposure to low levels of ethinylestradiol. Aquatic Toxicology, 2009, 95, 330-338.	4.0	102
6	Mitochondrial dynamics and quality control in Huntington's disease. Neurobiology of Disease, 2016, 90, 51-57.	4.4	90
7	Pharmacological effects of Catharanthus roseus root alkaloids in acetylcholinesterase inhibition and cholinergic neurotransmission. Phytomedicine, 2010, 17, 646-652.	5.3	82
8	HDAC6 inhibition induces mitochondrial fusion, autophagic flux and reduces diffuse mutant huntingtin in striatal neurons. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2484-2493.	3.8	72
9	How mitochondrial dysfunction affects zebrafish development and cardiovascular function: an in vivo model for testing mitochondriaâ€targeted drugs. British Journal of Pharmacology, 2013, 169, 1072-1090.	5.4	70
10	Pharmacological modulation of HDAC1 and HDAC6 in vivo in a zebrafish model: Therapeutic implications for Parkinsonâ€™s disease. Pharmacological Research, 2016, 103, 328-339.	7.1	67
11	Mutation of the human mitochondrial phenylalanine-tRNA synthetase causes infantile-onset epilepsy and cytochrome c oxidase deficiency. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 56-64.	3.8	61
12	Targeting the proteostasis network in Huntingtonâ€™s disease. Ageing Research Reviews, 2019, 49, 92-103.	10.9	60
13	Proâ€oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. British Journal of Pharmacology, 2012, 165, 1017-1033.	5.4	51
14	Metabolic profiling and biological capacity of Pieris brassicae fed with kale (Brassica oleracea L. var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.6	50
15	REXO2 Is an Oligoribonuclease Active in Human Mitochondria. PLoS ONE, 2013, 8, e64670.	2.5	49
16	Lysine deacetylases and mitochondrial dynamics in neurodegeneration. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1345-1359.	3.8	48
17	Simple and reproducible HPLCâ€“DADâ€“ESI-MS/MS analysis of alkaloids in Catharanthus roseus roots. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 65-69.	2.8	45
18	Mitochondrial bioenergetics and dynamics in Huntingtonâ€™s disease: tripartite synapses and selective striatal degeneration. Journal of Bioenergetics and Biomembranes, 2010, 42, 227-234.	2.3	40

#	Article	IF	Citations
19	In Situ Mitochondrial Ca2+ Buffering Differences of Intact Neurons and Astrocytes from Cortex and Striatum. Journal of Biological Chemistry, 2009, 284, 5010-5020.	3.4	36
20	The interplay between redox signalling and proteostasis in neurodegeneration: In vivo effects of a mitochondria-targeted antioxidant in Huntington's disease mice. Free Radical Biology and Medicine, 2020, 146, 372-382.	2.9	36
21	The <scp>PERKs</scp> of mitochondria protection during stress: insights for <scp>PERK</scp> modulation in neurodegenerative and metabolic diseases. Biological Reviews, 2022, 97, 1737-1748.	10.4	33
22	Mitochondrial superoxide generation induces a parkinsonian phenotype in zebrafish and huntingtin aggregation in human cells. Free Radical Biology and Medicine, 2019, 130, 318-327.	2.9	32
23	Modulation of Molecular Chaperones in Huntingtonâ€™s Disease and Other Polyglutamine Disorders. Molecular Neurobiology, 2017, 54, 5829-5854.	4.0	30
24	Chronic effects of triclocarban in the amphipod Gammarus locusta : Behavioural and biochemical impairment. Ecotoxicology and Environmental Safety, 2017, 135, 276-283.	6.0	30
25	Metabolic fate of AMP, IMP, GMP and XMP in the cytosol of rat brain: an experimental and theoretical analysis. Journal of Neurochemistry, 2001, 76, 1291-1307.	3.9	21
26	Could successful (mitochondrial) networking help prevent Huntington's disease?. EMBO Molecular Medicine, 2010, 2, 487-489.	6.9	20
27	Ligands and Therapeutic Perspectives of Adenosine A2A Receptors. Current Pharmaceutical Design, 2008, 14, 1698-1722.	1.9	18
28	Modulation of Basophils' Degranulation and Allergy-Related Enzymes by Monomeric and Dimeric Naphthoquinones. PLoS ONE, 2014, 9, e90122.	2.5	18
29	A2A adenosine-receptor-mediated facilitation of noradrenaline release in rat tail artery involves protein kinase C activation and Î²Î³ subunits formed after Î±2-adrenoceptor activation. Neurochemistry International, 2007, 51, 47-56.	3.8	17
30	Does the antidepressant sertraline show chronic effects on aquatic invertebrates at environmentally relevant concentrations? A case study with the keystone amphipod, Gammarus locusta. Ecotoxicology and Environmental Safety, 2019, 183, 109486.	6.0	17
31	Trends in Mitochondrial Therapeutics for Neurological Disease. Current Medicinal Chemistry, 2015, 22, 2458-2467.	2.4	17
32	Techniques to Investigate Neuronal Mitochondrial Function and its Pharmacological Modulation. Current Drug Targets, 2011, 12, 762-773.	2.1	16
33	Disruptions of circadian rhythms, sleep, and stress responses in zebrafish: New infrared-based activity monitoring assays for toxicity assessment. Chemosphere, 2022, 305, 135449.	8.2	9
34	Allosteric activation of Hsp70 reduces mutant huntingtin levels, the clustering of N-terminal fragments, and their nuclear accumulation. Life Sciences, 2021, 285, 120009.	4.3	5
35	Automated analysis of activity, sleep, and rhythmic behaviour in various animal species with the Rtivity software. Scientific Reports, 2022, 12, 4179.	3.3	4
36	Mitochondrial Membrane Potential and Dynamics. , 2012, , 127-139.		1

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37	Guanylate cyclase regulates ileal longitudinal muscle contractions induced by neurogenic nitrergic activity in the rat. Clinical and Experimental Pharmacology and Physiology, 2010, 37, 375-377.	1.9	0