Jorge M A Oliveira

List of Publications by Citations

35 papers	1,542 citations	23 h-index	37 g-index
37 ext. papers	1,739 ext. citations	6.3 avg, IF	4.7 L-index

#	Paper	IF	Citations
35	Adenosine A2A receptor blockade prevents synaptotoxicity and memory dysfunction caused by beta-amyloid peptides via p38 mitogen-activated protein kinase pathway. *Journal of Neuroscience*, **2009**, 29, 14741-51	6.6	251
34	Nature and cause of mitochondrial dysfunction in Huntingtonas disease: focusing on huntingtin and the striatum. *Journal of Neurochemistry*, **2010**, 114, 1-12	6	110
33	Mitochondrial dysfunction in Huntingtonas disease: the bioenergetics of isolated and in situ mitochondria from transgenic mice. *Journal of Neurochemistry*, **2007**, 101, 241-9	6	107
32	Mitochondrial-dependent Ca2+ handling in Huntingtonas disease striatal cells: effect of histone deacetylase inhibitors. *Journal of Neuroscience*, **2006**, 26, 11174-86	6.6	106
31	Disruption of zebrafish (Danio rerio) embryonic development after full life-cycle parental exposure to low levels of ethinylestradiol. *Aquatic Toxicology*, **2009**, 95, 330-8	5.1	90
30	Mitochondrial dynamics and quality control in Huntingtonas disease. *Neurobiology of Disease*, **2016**, 90, 51-7	7.5	76
29	Pharmacological effects of Catharanthus roseus root alkaloids in acetylcholinesterase inhibition and cholinergic neurotransmission. *Phytomedicine*, **2010**, 17, 646-52	6.5	69
28	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, 2484-93	6.9	59
27	How mitochondrial dysfunction affects zebrafish development and cardiovascular function: an in vivo model for testing mitochondria-targeted drugs. *British Journal of Pharmacology*, **2013**, 169, 1072-90	8.6	56
26	Pro-oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. *British Journal of Pharmacology*, **2012**, 165, 1017-33	8.6	45
25	Metabolic profiling and biological capacity of Pieris brassicae fed with kale (Brassica oleracea L. var. acephala). *Food and Chemical Toxicology*, **2009**, 47, 1209-20	4.7	45
24	Pharmacological modulation of HDAC1 and HDAC6 in vivo in a zebrafish model: Therapeutic implications for Parkinsonas disease. *Pharmacological Research*, **2016**, 103, 328-39	10.2	44
23	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	6.9	44
22	REXO2 is an oligoribonuclease active in human mitochondria. *PLoS ONE*, **2013**, 8, e64670	3.7	43
21	Lysine deacetylases and mitochondrial dynamics in neurodegeneration. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 1345-59	6.9	40
20	Simple and reproducible HPLC-DAD-ESI-MS/MS analysis of alkaloids in Catharanthus roseus roots. *Journal of Pharmaceutical and Biomedical Analysis*, **2010**, 51, 65-9	3.5	40
19	Mitochondrial bioenergetics and dynamics in Huntingtonas disease: tripartite synapses and selective striatal degeneration. *Journal of Bioenergetics and Biomembranes*, **2010**, 42, 227-34	3.7	36

18	Targeting the proteostasis network in Huntingtonâs disease. *Ageing Research Reviews*, **2019**, 49, 92-103	12	34
17	In situ mitochondrial Ca2+ buffering differences of intact neurons and astrocytes from cortex and striatum. *Journal of Biological Chemistry*, **2009**, 284, 5010-20	5.4	29
16	The interplay between redox signalling and proteostasis in neurodegeneration: In vivo effects of a mitochondria-targeted antioxidant in Huntingtonâs disease mice. *Free Radical Biology and Medicine*, **2020**, 146, 372-382	7.8	26
15	Modulation of Molecular Chaperones in Huntingtonâs Disease and Other Polyglutamine Disorders. *Molecular Neurobiology*, **2017**, 54, 5829-5854	6.2	25
14	Mitochondrial superoxide generation induces a parkinsonian phenotype in zebrafish and huntingtin aggregation in human cells. *Free Radical Biology and Medicine*, **2019**, 130, 318-327	7.8	24
13	Chronic effects of triclocarban in the amphipod Gammarus locusta: Behavioural and biochemical impairment. *Ecotoxicology and Environmental Safety*, **2017**, 135, 276-283	7	23
12	Ligands and therapeutic perspectives of adenosine A(2A) receptors. *Current Pharmaceutical Design*, **2008**, 14, 1698-722	3.3	18
11	Could successful (mitochondrial) networking help prevent Huntingtonâs disease?. *EMBO Molecular Medicine*, **2010**, 2, 487-9	12	16
10	Metabolic fate of AMP, IMP, GMP and XMP in the cytosol of rat brain: an experimental and theoretical analysis. *Journal of Neurochemistry*, **2001**, 76, 1291-307	6	16
9	Techniques to investigate neuronal mitochondrial function and its pharmacological modulation. *Current Drug Targets*, **2011**, 12, 762-73	3	15
8	Modulation of basophilsadegranulation and allergy-related enzymes by monomeric and dimeric naphthoquinones. *PLoS ONE*, **2014**, 9, e90122	3.7	15
7	A2A adenosine-receptor-mediated facilitation of noradrenaline release in rat tail artery involves protein kinase C activation and betagamma subunits formed after alpha2-adrenoceptor activation. *Neurochemistry International*, **2007**, 51, 47-56	4.4	14
6	Trends in Mitochondrial Therapeutics for Neurological Disease. *Current Medicinal Chemistry*, **2015**, 22, 2458-67	4.3	14
5	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	7	8
4	Mitochondrial Membrane Potential and Dynamics **2012**, 127-139		1
3	Allosteric activation of Hsp70 reduces mutant huntingtin levels, the clustering of N-terminal fragments, and their nuclear accumulation. *Life Sciences*, **2021**, 285, 120009	6.8	0
2	Automated analysis of activity, sleep, and rhythmic behaviour in various animal species with the Rtivity software.. *Scientific Reports*, **2022**, 12, 4179	4.9	0
1	Guanylate cyclase regulates ileal longitudinal muscle contractions induced by neurogenic nitrergic activity in the rat. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, 375-7	3	