Filipe Marques Gonalves

List of Publications by Citations

22 papers	603 citations	15 h-index	22 g-index
22 ext. papers	724 ext. citations	4.4 avg, IF	3.64 L-index

#	Paper	IF	Citations
22	In vivo manganese exposure modulates Erk, Akt and Darpp-32 in the striatum of developing rats, and impairs their motor function. *PLoS ONE*, **2012**, 7, e33057	3.7	68
21	Manganese-exposed developing rats display motor deficits and striatal oxidative stress that are reversed by Trolox. *Archives of Toxicology*, **2013**, 87, 1231-44	5.8	62
20	Oxidative Stress in Methylmercury-Induced Cell Toxicity. *Toxics*, **2018**, 6,	4.7	49
19	Redox toxicology of environmental chemicals causing oxidative stress. *Redox Biology*, **2020**, 34, 101475	11.3	45
18	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. *European Neuropsychopharmacology*, **2016**, 26, 959-71	1.2	40
17	Molecular Pathways Associated With Methylmercury-Induced Nrf2 Modulation. *Frontiers in Genetics* , **2018**, 9, 373	4.5	38
16	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. *Epilepsy and Behavior*, **2016**, 55, 92-100	3.2	34
15	Developmental exposure to manganese induces lasting motor and cognitive impairment in rats. *NeuroToxicology*, **2015**, 50, 28-37	4.4	32
14	Antidepressant-like effect of zinc is dependent on signaling pathways implicated in BDNF modulation. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2015**, 59, 59-67	5.5	30
13	Region-specific alterations of AMPA receptor phosphorylation and signaling pathways in the pilocarpine model of epilepsy. *Neurochemistry International*, **2015**, 87, 22-33	4.4	27
12	Neurotoxicity of e-cigarettes. *Food and Chemical Toxicology*, **2020**, 138, 111245	4.7	25
11	Signaling pathways underlying the antidepressant-like effect of inosine in mice. *Purinergic Signalling*, **2017**, 13, 203-214	3.8	20
10	Differential Activation of Mitogen-Activated Protein Kinases, ERK 1/2, p38(MAPK) and JNK p54/p46 During Postnatal Development of Rat Hippocampus. *Neurochemical Research*, **2016**, 41, 1160-9	4.6	20
9	Post-translational modifications in MeHg-induced neurotoxicity. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2019**, 1865, 2068-2081	6.9	19
8	Single administration of agmatine reverses the depressive-like behavior induced by corticosterone in mice: Comparison with ketamine and fluoxetine. *Pharmacology Biochemistry and Behavior*, **2018**, 173, 44-50	3.9	17
7	Phytochemical profile, toxicity and antioxidant activity of Aloysia gratissima (Verbenaceae). *Quimica Nova*, **2013**, 36, 69-73	1.6	15
6	Lectin from Canavalia brasiliensis (ConBr) protects hippocampal slices against glutamate neurotoxicity in a manner dependent of PI3K/Akt pathway. *Neurochemistry International*, **2013**, 62, 836-42	4.4	14

5	Vatairea macrocarpa lectin (VML) induces depressive-like behavior and expression of neuroinflammatory markers in mice. *Neurochemical Research*, **2013**, 38, 2375-84	4.6	14
4	In vitro manganese exposure disrupts MAPK signaling pathways in striatal and hippocampal slices from immature rats. *BioMed Research International*, **2013**, 2013, 769295	3	12
3	Effects of pentylenetetrazole kindling on mitogen-activated protein kinases levels in neocortex and hippocampus of mice. *Neurochemical Research*, **2014**, 39, 2492-500	4.6	11
2	Glutamatergic system and mTOR-signaling pathway participate in the antidepressant-like effect of inosine in the tail suspension test. *Journal of Neural Transmission*, **2017**, 124, 1227-1237	4.3	10
1	Brain MAPKs levels are differentially associated with seizures threshold and severity progression in pentylenetetrazole-kindled mice. *CNS Neuroscience and Therapeutics*, **2013**, 19, 726-9	6.8	1