

# Filipe Marques Goncalves

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Neurotoxicity of e-cigarettes. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 138, 111245	4.7	25
21	Redox toxicology of environmental chemicals causing oxidative stress. <i>Redox Biology</i> , <b>2020</b> , 34, 101475	11.3	45
20	Post-translational modifications in MeHg-induced neurotoxicity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2019</b> , 1865, 2068-2081	6.9	19
19	Oxidative Stress in Methylmercury-Induced Cell Toxicity. <i>Toxics</i> , <b>2018</b> , 6,	4.7	49
18	Single administration of agmatine reverses the depressive-like behavior induced by corticosterone in mice: Comparison with ketamine and fluoxetine. <i>Pharmacology Biochemistry and Behavior</i> , <b>2018</b> , 173, 44-50	3.9	17
17	Molecular Pathways Associated With Methylmercury-Induced Nrf2 Modulation. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 373	4.5	38
16	Signaling pathways underlying the antidepressant-like effect of inosine in mice. <i>Purinergic Signalling</i> , <b>2017</b> , 13, 203-214	3.8	20
15	Glutamatergic system and mTOR-signaling pathway participate in the antidepressant-like effect of inosine in the tail suspension test. <i>Journal of Neural Transmission</i> , <b>2017</b> , 124, 1227-1237	4.3	10
14	Time course evaluation of behavioral impairments in the pilocarpine model of epilepsy. <i>Epilepsy and Behavior</i> , <b>2016</b> , 55, 92-100	3.2	34
13	Differential Activation of Mitogen-Activated Protein Kinases, ERK 1/2, p38(MAPK) and JNK p54/p46 During Postnatal Development of Rat Hippocampus. <i>Neurochemical Research</i> , <b>2016</b> , 41, 1160-9	4.6	20
12	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 959-71	1.2	40
11	Developmental exposure to manganese induces lasting motor and cognitive impairment in rats. <i>NeuroToxicology</i> , <b>2015</b> , 50, 28-37	4.4	32
10	Region-specific alterations of AMPA receptor phosphorylation and signaling pathways in the pilocarpine model of epilepsy. <i>Neurochemistry International</i> , <b>2015</b> , 87, 22-33	4.4	27
9	Antidepressant-like effect of zinc is dependent on signaling pathways implicated in BDNF modulation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 59, 59-67	5.5	30
8	Effects of pentylenetetrazole kindling on mitogen-activated protein kinases levels in neocortex and hippocampus of mice. <i>Neurochemical Research</i> , <b>2014</b> , 39, 2492-500	4.6	11
7	Manganese-exposed developing rats display motor deficits and striatal oxidative stress that are reversed by Trolox. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 1231-44	5.8	62
6	Lectin from <i>Canavalia brasiliensis</i> (ConBr) protects hippocampal slices against glutamate neurotoxicity in a manner dependent of PI3K/Akt pathway. <i>Neurochemistry International</i> , <b>2013</b> , 62, 836-42	4.4	14

5	Brain MAPKs levels are differentially associated with seizures threshold and severity progression in pentylene-tetrazole-kindled mice. <i>CNS Neuroscience and Therapeutics</i> , <b>2013</b> , 19, 726-9	6.8	1
4	Vatairea macrocarpa lectin (VML) induces depressive-like behavior and expression of neuroinflammatory markers in mice. <i>Neurochemical Research</i> , <b>2013</b> , 38, 2375-84	4.6	14
3	In vitro manganese exposure disrupts MAPK signaling pathways in striatal and hippocampal slices from immature rats. <i>BioMed Research International</i> , <b>2013</b> , 2013, 769295	3	12
2	Phytochemical profile, toxicity and antioxidant activity of Aloysia gratissima (Verbenaceae). <i>Quimica Nova</i> , <b>2013</b> , 36, 69-73	1.6	15
1	In vivo manganese exposure modulates Erk, Akt and Darpp-32 in the striatum of developing rats, and impairs their motor function. <i>PLoS ONE</i> , <b>2012</b> , 7, e33057	3.7	68