

Marcelo M S Lima

List of Publications by Citations

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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.

48
papers

1,709
citations

24
h-index

40
g-index

49
ext. papers

1,935
ext. citations

4.1
avg, IF

4.5
L-index

#	Paper	IF	Citations
48	Depressive-like behaviors alterations induced by intranigral MPTP, 6-OHDA, LPS and rotenone models of Parkinson's disease are predominantly associated with serotonin and dopamine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010 , 34, 1104-14	5.5	167
47	Anxiety in Parkinson's disease: a critical review of experimental and clinical studies. <i>Neuropharmacology</i> , 2012 , 62, 115-24	5.5	136
46	Chronic Ω fatty acids supplementation promotes beneficial effects on anxiety, cognitive and depressive-like behaviors in rats subjected to a restraint stress protocol. <i>Behavioural Brain Research</i> , 2011 , 219, 116-22	3.4	130
45	The role of 5-HT _{1A} receptors in fish oil-mediated increased BDNF expression in the rat hippocampus and cortex: a possible antidepressant mechanism. <i>Neuropharmacology</i> , 2012 , 62, 184-91	5.5	89
44	The role of the substantia nigra pars compacta in regulating sleep patterns in rats. <i>PLoS ONE</i> , 2007 , 2, e513	3.7	77
43	Sleep disturbances in Parkinson's disease: the contribution of dopamine in REM sleep regulation. <i>Sleep Medicine Reviews</i> , 2013 , 17, 367-75	10.2	70
42	Different parkinsonism models produce a time-dependent induction of COX-2 in the substantia nigra of rats. <i>Brain Research</i> , 2006 , 1101, 117-25	3.7	66
41	PPAR- α agonist fenofibrate protects against the damaging effects of MPTP in a rat model of Parkinson's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 53, 35-44	5.5	62
40	Neuroprotective effects of peroxisome proliferator-activated receptor alpha and gamma agonists in model of parkinsonism induced by intranigral 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine. <i>Behavioural Brain Research</i> , 2014 , 274, 390-9	3.4	58
39	Induction of depressive-like behavior by intranigral 6-OHDA is directly correlated with deficits in striatal dopamine and hippocampal serotonin. <i>Behavioural Brain Research</i> , 2014 , 259, 70-7	3.4	53
38	Neuroprotective and antidepressant-like effects of melatonin in a rotenone-induced Parkinson's disease model in rats. <i>Brain Research</i> , 2014 , 1593, 95-105	3.7	53
37	Blockage of dopaminergic D(2) receptors produces decrease of REM but not of slow wave sleep in rats after REM sleep deprivation. <i>Behavioural Brain Research</i> , 2008 , 188, 406-11	3.4	50
36	Modulation of sickness behavior by sleep: the role of neurochemical and neuroinflammatory pathways in mice. <i>European Neuropsychopharmacology</i> , 2009 , 19, 589-602	1.2	49
35	Does Parkinson's disease and type-2 diabetes mellitus present common pathophysiological mechanisms and treatments?. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 418-28	2.6	42
34	ER Stress Induced by Tunicamycin Triggers β Synuclein Oligomerization, Dopaminergic Neurons Death and Locomotor Impairment: a New Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 5798-5806	6.2	41
33	Fish oil improves anxiety-like, depressive-like and cognitive behaviors in olfactory bulbectomised rats. <i>European Journal of Neuroscience</i> , 2014 , 39, 266-74	3.5	38
32	The Pronociceptive Effect of Paradoxical Sleep Deprivation in Rats: Evidence for a Role of Descending Pain Modulation Mechanisms. <i>Molecular Neurobiology</i> , 2016 , 53, 1706-1717	6.2	32

31	Olfactory impairment in the rotenone model of Parkinson's disease is associated with bulbar dopaminergic D2 activity after REM sleep deprivation. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 383	6.1	32
30	Characterization of motor, depressive-like and neurochemical alterations induced by a short-term rotenone administration. <i>Pharmacological Reports</i> , 2012 , 64, 1081-90	3.9	31
29	REM sleep deprivation generates cognitive and neurochemical disruptions in the intranigral rotenone model of Parkinson's disease. <i>Journal of Neuroscience Research</i> , 2013 , 91, 1508-16	4.4	30
28	Behavioral, neurochemical and histological alterations promoted by bilateral intranigral rotenone administration: a new approach for an old neurotoxin. <i>Neurotoxicity Research</i> , 2012 , 21, 291-301	4.3	28
27	Repeated intranigral MPTP administration: a new protocol of prolonged locomotor impairment mimicking Parkinson's disease. <i>Journal of Neuroscience Methods</i> , 2008 , 167, 268-77	3	27
26	Maternal Omega-3 Supplement Improves Dopaminergic System in Pre- and Postnatal Inflammation-Induced Neurotoxicity in Parkinson's Disease Model. <i>Molecular Neurobiology</i> , 2017 , 54, 2090-2106	6.2	24
25	Acute but not chronic administration of pioglitazone promoted behavioral and neurochemical protective effects in the MPTP model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2011 , 216, 186-92	3.4	24
24	Ascending nociceptive control contributes to the antinociceptive effect of acupuncture in a rat model of acute pain. <i>Journal of Pain</i> , 2014 , 15, 422-34	5.2	22
23	Neonatal exposure to constant light prevents anhedonia-like behavior induced by constant light exposure in adulthood. <i>Behavioural Brain Research</i> , 2011 , 222, 10-4	3.4	22
22	Intermittent hypoxia and sleep restriction: motor, cognitive and neurochemical alterations in rats. <i>Behavioural Brain Research</i> , 2008 , 189, 373-80	3.4	21
21	REM sleep deprivation reverses neurochemical and other depressive-like alterations induced by olfactory bulbectomy. <i>Molecular Neurobiology</i> , 2015 , 51, 349-60	6.2	20
20	Intranigral LPS administration produces dopamine, glutathione but not behavioral impairment in comparison to MPTP and 6-OHDA neurotoxin models of Parkinson's disease. <i>Neurochemical Research</i> , 2010 , 35, 1620-7	4.6	20
19	The nonsteroidal antiinflammatory drug piroxicam reverses the onset of depressive-like behavior in 6-OHDA animal model of Parkinson's disease. <i>Neuroscience</i> , 2015 , 300, 246-53	3.9	19
18	Unraveling a new circuitry for sleep regulation in Parkinson's disease. <i>Neuropharmacology</i> , 2016 , 108, 161-71	5.5	17
17	Antidepressant-like effect of celecoxib piroxicam in rat models of depression. <i>Journal of Neural Transmission</i> , 2014 , 121, 671-82	4.3	16
16	Putative role of monoamines in the antidepressant-like mechanism induced by striatal MT2 blockade. <i>Behavioural Brain Research</i> , 2014 , 275, 136-45	3.4	16
15	Dopaminergic D2 receptor is a key player in the substantia nigra pars compacta neuronal activation mediated by REM sleep deprivation. <i>Neuropharmacology</i> , 2014 , 76 Pt A, 118-26	5.5	16
14	The Antidepressant-Like Effect of Fish Oil: Possible Role of Ventral Hippocampal 5-HT1A Post-synaptic Receptor. <i>Molecular Neurobiology</i> , 2015 , 52, 206-15	6.2	14

13	Chronic sleep restriction increases pain sensitivity over time in a periaqueductal gray and nucleus accumbens dependent manner. <i>Neuropharmacology</i> , 2018 , 139, 52-60	5.5	14
12	Chronic sleep restriction in the rotenone Parkinson's disease model in rats reveals peripheral early-phase biomarkers. <i>Scientific Reports</i> , 2019 , 9, 1898	4.9	13
11	REM sleep deprivation and dopaminergic D2 receptors modulation increase recognition memory in an animal model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2018 , 339, 239-248	3.4	11
10	Dopaminergic mechanisms in periaqueductal gray-mediated antinociception. <i>Behavioural Pharmacology</i> , 2018 , 29, 225-233	2.4	9
9	REM sleep deprivation promotes a dopaminergic influence in the striatal MT2 anxiolytic-like effects. <i>Sleep Science</i> , 2016 , 9, 47-54	1.8	9
8	Dopaminergic Lesion in the Olfactory Bulb Restores Olfaction and Induces Depressive-Like Behaviors in a 6-OHDA Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2019 , 56, 1082-1095	6.2	9
7	Olfactory impairment is related to REM sleep deprivation in rotenone model of Parkinson's disease. <i>Sleep Science</i> , 2017 , 10, 47-54	1.8	7
6	The dopaminergic dilemma: Sleep or wake? Implications in Parkinson's disease. <i>Bioscience Hypotheses</i> , 2008 , 1, 9-13		6
5	The mechanism of antidepressant-like effects of piroxicam in rats. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2015 , 6, 7-12	0.2	5
4	Cholinergic Oculomotor Nucleus Activity Is Induced by REM Sleep Deprivation Negatively Impacting on Cognition. <i>Molecular Neurobiology</i> , 2017 , 54, 5721-5729	6.2	4
3	Medicinal plants in management of type 2 diabetes and neurodegenerative disorders. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 686872	2.3	3
2	Perspectives for the association between olfactory disturbances and depression in Parkinson's disease. <i>Neural Regeneration Research</i> , 2019 , 14, 591-592	4.5	3
1	Disruption of neocortical synchronisation during slow-wave sleep in the rotenone model of Parkinson's disease. <i>Journal of Sleep Research</i> , 2021 , 30, e13170	5.8	2