

# Leandro Cattelan Souza

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,174  
citations

394286

19  
h-index

377752

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic unpredictable mild stress decreases BDNF and NGF levels and Na <sup>+</sup> ,K <sup>+</sup> -ATPase activity in the hippocampus and prefrontal cortex of mice: Antidepressant effect of chrysin. <i>Neuroscience</i> , 2015, 289, 367-380.	1.1	139
2	Flavonoid Chrysin prevents age-related cognitive decline via attenuation of oxidative stress and modulation of BDNF levels in aged mouse brain. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 134, 22-30.	1.3	105
3	Hesperidin exerts antidepressant-like effects in acute and chronic treatments in mice: Possible role of l-arginine-NO-cGMP pathway and BDNF levels. <i>Brain Research Bulletin</i> , 2014, 104, 19-26.	1.4	99
4	Evidence for the involvement of the serotonergic 5-HT <sub>1A</sub> receptors in the antidepressant-like effect caused by hesperidin in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 40, 103-109.	2.5	78
5	Neuroprotective effects of swimming training in a mouse model of Parkinson's disease induced by 6-hydroxydopamine. <i>Neuroscience</i> , 2014, 256, 61-71.	1.1	75
6	Neuroprotective Effect of Physical Exercise in a Mouse Model of Alzheimer's Disease Induced by $\beta$ -Amyloid 1-40 Peptide. <i>Neurotoxicity Research</i> , 2013, 24, 148-163.	1.3	72
7	Kappa-opioid receptors mediate the antidepressant-like activity of hesperidin in the mouse forced swimming test. <i>European Journal of Pharmacology</i> , 2013, 698, 286-291.	1.7	55
8	Indoleamine-2,3-dioxygenase mediates neurobehavioral alterations induced by an intracerebroventricular injection of amyloid- $\beta$ 1-42 peptide in mice. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 363-377.	2.0	54
9	Chrysin promotes attenuation of depressive-like behavior and hippocampal dysfunction resulting from olfactory bulbectomy in mice. <i>Chemico-Biological Interactions</i> , 2016, 260, 154-162.	1.7	47
10	Neurochemical factors associated with the antidepressant-like effect of flavonoid chrysin in chronically stressed mice. <i>European Journal of Pharmacology</i> , 2016, 791, 284-296.	1.7	40
11	Chrysin protects against behavioral, cognitive and neurochemical alterations in a 6-hydroxydopamine model of Parkinson's disease. <i>Neuroscience Letters</i> , 2019, 706, 158-163.	1.0	34
12	Swimming exercise prevents behavioural disturbances induced by an intracerebroventricular injection of amyloid- $\beta$ 1-42 peptide through modulation of cytokine/NF-kappaB pathway and indoleamine-2,3-dioxygenase in mouse brain. <i>Behavioural Brain Research</i> , 2017, 331, 1-13.	1.2	31
13	The protective effect of melatonin against brain oxidative stress and hyperlocomotion in a rat model of mania induced by ouabain. <i>Behavioural Brain Research</i> , 2014, 271, 316-324.	1.2	30
14	Hesperidin Ameliorates Anxiety-Depressive-Like Behavior in 6-OHDA Model of Parkinson's Disease by Regulating Striatal Cytokine and Neurotrophic Factors Levels and Dopaminergic Innervation Loss in the Striatum of Mice. <i>Molecular Neurobiology</i> , 2020, 57, 3027-3041.	1.9	29
15	The flavonoid chrysin protects against zearalenone induced reproductive toxicity in male mice. <i>Toxicol</i> , 2019, 165, 13-21.	0.8	23
16	Evidence for the Involvement of Potassium Channel Inhibition in the Antidepressant-Like Effects of Hesperidin in the Tail Suspension Test in Mice. <i>Journal of Medicinal Food</i> , 2015, 18, 818-823.	0.8	21
17	Aging exacerbates cognitive and anxiety alterations induced by an intracerebroventricular injection of amyloid- $\beta$ 1-42 peptide in mice. <i>Molecular and Cellular Neurosciences</i> , 2018, 88, 93-106.	1.0	21
18	Neuropeptide Y administration reverses tricyclic antidepressant treatment-resistant depression induced by ACTH in mice. <i>Hormones and Behavior</i> , 2015, 73, 56-63.	1.0	20

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19	Fish oil ameliorates sickness behavior induced by lipopolysaccharide in aged mice through the modulation of kynurenine pathway. <i>Journal of Nutritional Biochemistry</i> , 2018, 58, 37-48.	1.9	20
20	Chrysin suppress immune responses and protects from experimental autoimmune encephalomyelitis in mice. <i>Journal of Neuroimmunology</i> , 2019, 335, 577007.	1.1	20
21	Hesperidin protects against behavioral alterations and loss of dopaminergic neurons in 6-OHDA-lesioned mice: the role of mitochondrial dysfunction and apoptosis. <i>Metabolic Brain Disease</i> , 2021, 36, 153-167.	1.4	20
22	Antinociceptive and anti-hyperalgesic effects of bis(4-methylbenzoyl) diselenide in mice: Evidence for the mechanism of action. <i>Pharmaceutical Biology</i> , 2015, 53, 395-403.	1.3	19
23	Depressive-like behaviour induced by an intracerebroventricular injection of streptozotocin in mice. <i>Behavioural Pharmacology</i> , 2013, 24, 79-86.	0.8	18
24	Intracerebroventricular Administration of Streptozotocin as an Experimental Approach to Depression: Evidence for the Involvement of Proinflammatory Cytokines and Indoleamine-2,3-Dioxygenase. <i>Neurotoxicity Research</i> , 2017, 31, 464-477.	1.3	18
25	Activation of Brain Indoleamine-2,3-dioxygenase Contributes to Depressive-Like Behavior Induced by an Intracerebroventricular Injection of Streptozotocin in Mice. <i>Neurochemical Research</i> , 2017, 42, 2982-2995.	1.6	16
26	Effects of Se-phenyl thiazolidine-4-carboselenoate on mechanical and thermal hyperalgesia in brachial plexus avulsion in mice: Mediation by cannabinoid CB1 and CB2 receptors. <i>Brain Research</i> , 2012, 1475, 31-36.	1.1	15
27	Involvement of kynurenine pathway in depressive-like behaviour induced by nandrolone decanoate in mice. <i>Steroids</i> , 2020, 164, 108727.	0.8	10
28	Blackberry juice anthocyanidins limit cisplatin-induced renal pathophysiology in mice. <i>Pathophysiology</i> , 2019, 26, 137-143.	1.0	9
29	$\hat{\beta}$ -Oryzanol supplementation modifies the inflammatory and oxidative response in fulminant hepatic failure in mice. <i>PharmaNutrition</i> , 2018, 6, 191-197.	0.8	7
30	Involvement of mGlu5 receptor in 3-nitropropionic acid-induced oxidative stress in rat striatum. <i>Neurological Research</i> , 2014, 36, 833-840.	0.6	6
31	Involvement of Indoleamine-2,3-Dioxygenase and Kynurenine Pathway in Experimental Autoimmune Encephalomyelitis in Mice. <i>Neurochemical Research</i> , 2020, 45, 2959-2977.	1.6	6
32	Supplementation with gamma oryzanol ameliorates CCl4-induced hepatic fibrosis in mice. <i>PharmaNutrition</i> , 2019, 10, 100169.	0.8	5
33	Anti-inflammatory effect of Arnica montana in a UVB radiation-induced skin-burn model in mice. <i>Cutaneous and Ocular Toxicology</i> , 2020, 39, 126-133.	0.5	5
34	Dietary hydrogenated vegetable fat exacerbates the activation of kynurenine pathway caused by peripheral lipopolysaccharide immune challenge in aged mice. <i>Chemico-Biological Interactions</i> , 2018, 293, 28-37.	1.7	4
35	ORY supplementation mitigates acetaminophen-induced acute liver failure in male mice: role of oxidative stress and apoptotic markers. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2129-2137.	1.4	3