

Mauricio P Cunha

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2523844/mauricio-p-cunha-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

60
papers

1,983
citations

27
h-index

43
g-index

62
ext. papers

2,280
ext. citations

4.3
avg, IF

4.58
L-index

#	Paper	IF	Citations
60	Antidepressant-like effect of rutin isolated from the ethanolic extract from <i>Schinus molle</i> L. in mice: evidence for the involvement of the serotonergic and noradrenergic systems. <i>European Journal of Pharmacology</i> , 2008 , 587, 163-8	5.3	124
59	Antidepressant-like effect of the extract of <i>Rosmarinus officinalis</i> in mice: involvement of the monoaminergic system. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009 , 33, 642-50	5.5	112
58	Interaction of zinc with antidepressants in the tail suspension test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 1913-20	5.5	104
57	Antidepressant-like effect of scopoletin, a coumarin isolated from <i>Polygala sabulosa</i> (Polygalaceae) in mice: evidence for the involvement of monoaminergic systems. <i>European Journal of Pharmacology</i> , 2010 , 643, 232-8	5.3	96
56	Creatine, Similar to Ketamine, Counteracts Depressive-Like Behavior Induced by Corticosterone via PI3K/Akt/mTOR Pathway. <i>Molecular Neurobiology</i> , 2016 , 53, 6818-6834	6.2	87
55	Nrf2 participates in depressive disorders through an anti-inflammatory mechanism. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2010-22	5	84
54	Antidepressant-like effects of fractions, essential oil, carnosol and betulinic acid isolated from <i>Rosmarinus officinalis</i> L. <i>Food Chemistry</i> , 2013 , 136, 999-1005	8.5	80
53	Effects of traumatic brain injury of different severities on emotional, cognitive, and oxidative stress-related parameters in mice. <i>Journal of Neurotrauma</i> , 2010 , 27, 1883-93	5.4	79
52	Fluoxetine reverses depressive-like behaviors and increases hippocampal acetylcholinesterase activity induced by olfactory bulbectomy. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 220-9	3.9	70
51	Acute atorvastatin treatment exerts antidepressant-like effect in mice via the L-arginine-nitric oxide-cyclic guanosine monophosphate pathway and increases BDNF levels. <i>European Neuropsychopharmacology</i> , 2013 , 23, 400-12	1.2	68
50	Guanosine produces an antidepressant-like effect through the modulation of NMDA receptors, nitric oxide-cGMP and PI3K/mTOR pathways. <i>Behavioural Brain Research</i> , 2012 , 234, 137-48	3.4	68
49	Antidepressant-like effect of ursolic acid isolated from <i>Rosmarinus officinalis</i> L. in mice: evidence for the involvement of the dopaminergic system. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 204-11	3.9	65
48	<i>Rosmarinus officinalis</i> L. hydroalcoholic extract, similar to fluoxetine, reverses depressive-like behavior without altering learning deficit in olfactory bulbectomized mice. <i>Journal of Ethnopharmacology</i> , 2012 , 143, 158-69	5	47
47	Involvement of PI3K/Akt Signaling Pathway and Its Downstream Intracellular Targets in the Antidepressant-Like Effect of Creatine. <i>Molecular Neurobiology</i> , 2016 , 53, 2954-2968	6.2	40
46	The antidepressant-like effect of inosine in the FST is associated with both adenosine A1 and A2A receptors. <i>Purinergic Signalling</i> , 2013 , 9, 481-6	3.8	39
45	The modulation of NMDA receptors and L-arginine/nitric oxide pathway is implicated in the anti-immobility effect of creatine in the tail suspension test. <i>Amino Acids</i> , 2015 , 47, 795-811	3.5	39
44	Pramipexole, a Dopamine D2/D3 Receptor-Preferring Agonist, Prevents Experimental Autoimmune Encephalomyelitis Development in Mice. <i>Molecular Neurobiology</i> , 2017 , 54, 1033-1045	6.2	38

43	Anxiolytic-like effects of ursolic acid in mice. <i>European Journal of Pharmacology</i> , 2015 , 758, 171-6	5.3	38
42	Effects of Agmatine on Depressive-Like Behavior Induced by Intracerebroventricular Administration of 1-Methyl-4-phenylpyridinium (MPP(+)). <i>Neurotoxicity Research</i> , 2015 , 28, 222-31	4.3	35
41	Serotonergic and noradrenergic systems are implicated in the antidepressant-like effect of ursolic acid in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 124, 108-16	3.9	34
40	Protective effect of creatine against 6-hydroxydopamine-induced cell death in human neuroblastoma SH-SY5Y cells: Involvement of intracellular signaling pathways. <i>Neuroscience</i> , 2013 , 238, 185-94	3.9	33
39	The antidepressant-like effect of physical activity on a voluntary running wheel. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 851-9	1.2	31
38	Antidepressant-like effect of creatine in mice involves dopaminergic activation. <i>Journal of Psychopharmacology</i> , 2012 , 26, 1489-501	4.6	31
37	The activation of β -adrenoceptors is implicated in the antidepressant-like effect of creatine in the tail suspension test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 44, 39-50	5.5	30
36	Inosine, an Endogenous Purine Nucleoside, Suppresses Immune Responses and Protects Mice from Experimental Autoimmune Encephalomyelitis: a Role for A2A Adenosine Receptor. <i>Molecular Neurobiology</i> , 2017 , 54, 3271-3285	6.2	28
35	Creatine, similarly to ketamine, affords antidepressant-like effects in the tail suspension test via adenosine A ₁ and A2A receptor activation. <i>Purinergic Signalling</i> , 2015 , 11, 215-27	3.8	28
34	Evidence for the involvement of 5-HT _{1A} receptor in the acute antidepressant-like effect of creatine in mice. <i>Brain Research Bulletin</i> , 2013 , 95, 61-9	3.9	28
33	The role of the NMDA receptors and l-arginine-nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of duloxetine in the forced swimming test. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 408-17	3.9	27
32	Central irisin administration affords antidepressant-like effect and modulates neuroplasticity-related genes in the hippocampus and prefrontal cortex of mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 84, 294-303	5.5	26
31	Both creatine and its product phosphocreatine reduce oxidative stress and afford neuroprotection in an in vitro Parkinson's model. <i>ASN Neuro</i> , 2014 , 6,	5.3	26
30	Novel approaches for the management of depressive disorders. <i>European Journal of Pharmacology</i> , 2016 , 771, 236-40	5.3	23
29	Creatine Prevents Corticosterone-Induced Reduction in Hippocampal Proliferation and Differentiation: Possible Implication for Its Antidepressant Effect. <i>Molecular Neurobiology</i> , 2017 , 54, 6245-6260	6.2	23
28	MPP-Lesioned Mice: an Experimental Model of Motor, Emotional, Memory/Learning, and Striatal Neurochemical Dysfunctions. <i>Molecular Neurobiology</i> , 2017 , 54, 6356-6377	6.2	23
27	Antidepressant-like effect of pramipexole in an inflammatory model of depression. <i>Behavioural Brain Research</i> , 2017 , 320, 365-373	3.4	22
26	Involvement of PKA, PKC, CAMK-II and MEK1/2 in the acute antidepressant-like effect of creatine in mice. <i>Pharmacological Reports</i> , 2014 , 66, 653-9	3.9	22

25	Guanosine prevents nitroxidative stress and recovers mitochondrial membrane potential disruption in hippocampal slices subjected to oxygen/glucose deprivation. <i>Purinergic Signalling</i> , 2016 , 12, 707-718	3.8	22
24	Atorvastatin Protects from A β Induced Cell Damage and Depressive-Like Behavior via ProBDNF Cleavage. <i>Molecular Neurobiology</i> , 2017 , 54, 6163-6173	6.2	21
23	The possible beneficial effects of creatine for the management of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 89, 193-206	5.5	21
22	The role of vitamin C in stress-related disorders. <i>Journal of Nutritional Biochemistry</i> , 2020 , 85, 108459	6.3	20
21	Creatine affords protection against glutamate-induced nitrosative and oxidative stress. <i>Neurochemistry International</i> , 2016 , 95, 4-14	4.4	20
20	Agmatine attenuates reserpine-induced oral dyskinesia in mice: Role of oxidative stress, nitric oxide and glutamate NMDA receptors. <i>Behavioural Brain Research</i> , 2016 , 312, 64-76	3.4	18
19	Ursolic acid affords antidepressant-like effects in mice through the activation of PKA, PKC, CAMK-II and MEK1/2. <i>Pharmacological Reports</i> , 2017 , 69, 1240-1246	3.9	17
18	Atorvastatin evokes a serotonergic system-dependent antidepressant-like effect in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 122, 253-60	3.9	15
17	Antidepressant effects of creatine on amyloid β -treated mice: The role of GSK-3 β /Nrf pathway. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 86, 270-278	5.5	10
16	Repeated Methylglyoxal Treatment Depletes Dopamine in the Prefrontal Cortex, and Causes Memory Impairment and Depressive-Like Behavior in Mice. <i>Neurochemical Research</i> , 2020 , 45, 354-370	4.6	10
15	Antidepressant-like effect of extract from <i>Polygala paniculata</i> : involvement of the monoaminergic systems. <i>Pharmaceutical Biology</i> , 2011 , 49, 1277-85	3.8	9
14	Evidence for the involvement of heme oxygenase-1 in the antidepressant-like effect of zinc. <i>Pharmacological Reports</i> , 2017 , 69, 497-503	3.9	8
13	Antidepressant-like and pro-neurogenic effects of physical exercise: the putative role of FNDC5/irisin pathway. <i>Journal of Neural Transmission</i> , 2020 , 127, 355-370	4.3	8
12	Natural Polyphenols and Terpenoids for Depression Treatment: Current Status. <i>Studies in Natural Products Chemistry</i> , 2018 , 55, 181-221	1.5	7
11	Subchronic administration of creatine produces antidepressant-like effect by modulating hippocampal signaling pathway mediated by FNDC5/BDNF/Akt in mice. <i>Journal of Psychiatric Research</i> , 2018 , 104, 78-87	5.2	7
10	Methylglyoxal-Mediated Dopamine Depletion, Working Memory Deficit, and Depression-Like Behavior Are Prevented by a Dopamine/Noradrenaline Reuptake Inhibitor. <i>Molecular Neurobiology</i> , 2021 , 58, 735-749	6.2	5
9	Effects of physical exercise and social isolation on anxiety-related behaviors in two inbred rat strains. <i>Behavioural Processes</i> , 2017 , 142, 70-78	1.6	4
8	Locomotor Treadmill Training Promotes Soleus Trophism by Mammalian Target of Rapamycin Pathway in Paraplegic Rats. <i>Neurochemical Research</i> , 2018 , 43, 1258-1268	4.6	3

7	The APPswe/PS1A246E mutations in an astrocytic cell line leads to increased vulnerability to oxygen and glucose deprivation, Ca dysregulation, and mitochondrial abnormalities. <i>Journal of Neurochemistry</i> , 2018 , 145, 170-182	6	2
6	Protective effects against memory impairment induced by methylglyoxal in mice co-treated with FPS-ZM1, an advanced glycation end products receptor antagonist. <i>Acta Neurobiologiae Experimentalis</i> , 2020 , 80, 364-374	1	2
5	Multiple cellular targets involved in the antidepressant-like effect of glutathione. <i>Chemico-Biological Interactions</i> , 2020 , 328, 109195	5	2
4	Fructose Intake Impairs Cortical Antioxidant Defenses Allied to Hyperlocomotion in Middle-Aged C57BL/6 Female Mice. <i>Neurochemical Research</i> , 2020 , 45, 2868-2883	4.6	2
3	The effect of voluntary wheel running on the antioxidant status is dependent on sociability conditions. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 198, 173018	3.9	1
2	Aerobic exercise ameliorates survival, clinical score, lung inflammation, DNA and protein damage in septic mice. <i>Cytokine</i> , 2021 , 140, 155401	4	1
1	Protective effects against memory impairment induced by methylglyoxal in mice co-treated with FPS-ZM1, an advanced glycation end products receptor antagonist. <i>Acta Neurobiologiae Experimentalis</i> , 2020 , 80, 364-374	1	0