

# Ana LÃ³cia S Rodrigues

## List of Publications by Year in descending order

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244  
papers

11,499  
citations

20817

60  
h-index

48315

88  
g-index

245  
all docs

245  
docs citations

245  
times ranked

10682  
citing authors

#	ARTICLE	IF	CITATIONS
1	NLRP3 inflammasome-driven pathways in depression: Clinical and preclinical findings. <i>Brain, Behavior, and Immunity</i> , 2017, 64, 367-383.	4.1	295
2	Depressive-like behavior induced by tumor necrosis factor- $\beta$ in mice. <i>Neuropharmacology</i> , 2012, 62, 419-426.	4.1	252
3	Caffeine acts through neuronal adenosine A <sub>2A</sub> receptors to prevent mood and memory dysfunction triggered by chronic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7833-7838.	7.1	248
4	Agmatine: clinical applications after 100 years in translation. <i>Drug Discovery Today</i> , 2013, 18, 880-893.	6.4	207
5	Agmatine produces antidepressant-like effects in two models of depression in mice. <i>NeuroReport</i> , 2002, 13, 387-391.	1.2	179
6	Ascorbic acid treatment, similarly to fluoxetine, reverses depressive-like behavior and brain oxidative damage induced by chronic unpredictable stress. <i>Journal of Psychiatric Research</i> , 2012, 46, 331-340.	3.1	177
7	Involvement of monoaminergic system in the antidepressant-like effect of the hydroalcoholic extract of <i>Siphocampylus verticillatus</i> . <i>Life Sciences</i> , 2002, 70, 1347-1358.	4.3	168
8	Melatonin exerts an antidepressant-like effect in the tail suspension test in mice: evidence for involvement of N-methyl-d-aspartate receptors and the l-arginine-nitric oxide pathway. <i>Neuroscience Letters</i> , 2003, 343, 1-4.	2.1	168
9	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, 163-168.	3.5	165
10	Involvement of NMDA receptors and l-arginine-nitric oxide pathway in the antidepressant-like effects of zinc in mice. <i>Behavioural Brain Research</i> , 2003, 144, 87-93.	2.2	164
11	Depression in neurodegenerative diseases: Common mechanisms and current treatment options. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 56-84.	6.1	159
12	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, 642-650.	4.8	137
13	Adenosine administration produces an antidepressant-like effect in mice: evidence for the involvement of A1 and A2A receptors. <i>Neuroscience Letters</i> , 2004, 355, 21-24.	2.1	130
14	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, 232-238.	3.5	123
15	Effect of Perinatal Lead Exposure on Rat Behaviour in Open-Field and Two-Way Avoidance Tasks. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1996, 79, 150-156.	0.0	122
16	Ascorbic acid administration produces an antidepressant-like effect: Evidence for the involvement of monoaminergic neurotransmission. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 530-540.	4.8	121
17	Mechanisms involved in the antinociception caused by agmatine in mice. <i>Neuropharmacology</i> , 2005, 48, 1021-1034.	4.1	120
18	Interaction of zinc with antidepressants in the tail suspension test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1913-1920.	4.8	119

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19	Folic acid administration produces an antidepressant-like effect in mice: Evidence for the involvement of the serotonergic and noradrenergic systems. <i>Neuropharmacology</i> , 2008, 54, 464-473.	4.1	118
20	Antidepressant-like effect of the novel thiazolidinone NPO31115 in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1549-1556.	4.8	116
21	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.	8.2	113
22	Evidence for dual effects of nitric oxide in the forced swimming test and in the tail suspension test in mice. <i>NeuroReport</i> , 2000, 11, 3699-3702.	1.2	111
23	Creatine, Similar to Ketamine, Counteracts Depressive-Like Behavior Induced by Corticosterone via PI3K/Akt/mTOR Pathway. <i>Molecular Neurobiology</i> , 2016, 53, 6818-6834.	4.0	111
24	Nrf2 participates in depressive disorders through an anti-inflammatory mechanism. <i>Psychoneuroendocrinology</i> , 2013, 38, 2010-2022.	2.7	108
25	Antidepressant-like effect of the extract from leaves of <i>Schinus molle</i> L. in mice: Evidence for the involvement of the monoaminergic system. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 421-428.	4.8	106
26	Spinal and supraspinal antinociceptive action of dipyrone in formalin, capsaicin and glutamate tests. Study of the mechanism of action. <i>European Journal of Pharmacology</i> , 1998, 345, 233-245.	3.5	105
27	Evidence for the involvement of the opioid system in the agmatine antidepressant-like effect in the forced swimming test. <i>Neuroscience Letters</i> , 2005, 381, 279-283.	2.1	100
28	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, 1883-1893.	3.4	95
29	Effects of potassium channel inhibitors in the forced swimming test: Possible involvement of l-arginine-nitric oxide-soluble guanylate cyclase pathway. <i>Behavioural Brain Research</i> , 2005, 165, 204-209.	2.2	94
30	Involvement of nitric oxide-cGMP pathway in the antidepressant-like effects of adenosine in the forced swimming test. <i>International Journal of Neuropsychopharmacology</i> , 2005, 8, 601.	2.1	86
31	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, 204-211.	2.9	83
32	Involvement of NMDA receptors and l-arginine-nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effects of escitalopram in the forced swimming test. <i>European Neuropsychopharmacology</i> , 2010, 20, 793-801.	0.7	82
33	Agmatine abolishes restraint stress-induced depressive-like behavior and hippocampal antioxidant imbalance in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 50, 143-150.	4.8	82
34	Agmatine, by Improving Neuroplasticity Markers and Inducing Nrf2, Prevents Corticosterone-Induced Depressive-Like Behavior in Mice. <i>Molecular Neurobiology</i> , 2016, 53, 3030-3045.	4.0	82
35	Lead stimulates ERK1/2 and p38MAPK phosphorylation in the hippocampus of immature rats. <i>Brain Research</i> , 2004, 998, 65-72.	2.2	81
36	Fluoxetine reverses depressive-like behaviors and increases hippocampal acetylcholinesterase activity induced by olfactory bulbectomy. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 103, 220-229.	2.9	79

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37	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, 400-412.	0.7	79
38	Preventive and therapeutic potential of ascorbic acid in neurodegenerative diseases. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 921-929.	3.9	79
39	Neuropeptide Y (NPY) prevents depressive-like behavior, spatial memory deficits and oxidative stress following amyloid- $\beta^2$ (A $\beta^{21-40}$ ) administration in mice. <i>Behavioural Brain Research</i> , 2013, 244, 107-115.	2.2	78
40	Guanosine and its role in neuropathologies. <i>Purinergic Signalling</i> , 2016, 12, 411-426.	2.2	78
41	Mechanisms involved in the antinociception caused by melatonin in mice. <i>Journal of Pineal Research</i> , 2006, 41, 382-389.	7.4	77
42	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, 137-148.	2.2	77
43	Ferulic acid exerts antidepressant-like effect in the tail suspension test in mice: Evidence for the involvement of the serotonergic system. <i>European Journal of Pharmacology</i> , 2012, 679, 68-74.	3.5	77
44	Potential Role of Vitamin D for the Management of Depression and Anxiety. <i>CNS Drugs</i> , 2019, 33, 619-637.	5.9	76
45	Folic acid prevents depressive-like behavior and hippocampal antioxidant imbalance induced by restraint stress in mice. <i>Experimental Neurology</i> , 2013, 240, 112-121.	4.1	75
46	Antidepressant-like effect of the organoselenium compound ebselen in mice: Evidence for the involvement of the monoaminergic system. <i>European Journal of Pharmacology</i> , 2009, 602, 85-91.	3.5	74
47	Protective Effects of Ascorbic Acid on Behavior and Oxidative Status of Restraint-Stressed Mice. <i>Journal of Molecular Neuroscience</i> , 2013, 49, 68-79.	2.3	74
48	Zinc Attenuates Malathion-Induced Depressant-like Behavior and Confers Neuroprotection in the Rat Brain. <i>Toxicological Sciences</i> , 2007, 97, 140-148.	3.1	73
49	Depression and peripheral inflammatory profile of patients with obesity. <i>Psychoneuroendocrinology</i> , 2018, 91, 132-141.	2.7	73
50	Putrescine produces antidepressant-like effects in the forced swimming test and in the tail suspension test in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 1419-1425.	4.8	72
51	Acute treatments with GMP produce antidepressant-like effects in mice. <i>NeuroReport</i> , 2000, 11, 1839-1843.	1.2	71
52	Evidence for the involvement of l-arginine-nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of memantine in mice. <i>Behavioural Brain Research</i> , 2006, 168, 318-322.	2.2	71
53	Antioxidant defenses and lipid peroxidation in the cerebral cortex and hippocampus following acute exposure to malathion and/or zinc chloride. <i>Toxicology</i> , 2005, 207, 283-291.	4.2	69
54	Evidence for the involvement of the monoaminergic system in the antidepressant-like effect of magnesium. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 235-242.	4.8	69

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55	Neuroprotective effect of guanosine against glutamate-induced cell death in rat hippocampal slices is mediated by the phosphatidylinositol 3 kinase/Akt/ glycogen synthase kinase 3 $\beta$ pathway activation and inducible nitric oxide synthase inhibition. <i>Journal of Neuroscience Research</i> , 2011, 89, 1400-1408.	2.9	69
56	Involvement of 5-HT1A receptors in the antidepressant-like effect of adenosine in the mouse forced swimming test. <i>Brain Research Bulletin</i> , 2005, 67, 53-61.	3.0	68
57	Antidepressant-like effect of folic acid: Involvement of NMDA receptors and l-arginine-nitric oxide-cyclic guanosine monophosphate pathway. <i>European Journal of Pharmacology</i> , 2008, 598, 37-42.	3.5	65
58	Antidepressant-like action of the ethanolic extract from <i>Tabebuia avellanedae</i> in mice: Evidence for the involvement of the monoaminergic system. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 335-343.	4.8	63
59	Folic acid prevents depressive-like behavior induced by chronic corticosterone treatment in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 127, 1-6.	2.9	63
60	Antidepressant-like effect of lamotrigine in the mouse forced swimming test: Evidence for the involvement of the noradrenergic system. <i>European Journal of Pharmacology</i> , 2007, 565, 119-124.	3.5	62
61	Involvement of PI3K/Akt/GSK-3 $\beta$ and mTOR in the antidepressant-like effect of atorvastatin in mice. <i>Journal of Psychiatric Research</i> , 2016, 82, 50-57.	3.1	62
62	Involvement of nitric oxide-cGMP pathway in the antidepressant-like effect of ascorbic acid in the tail suspension test. <i>Behavioural Brain Research</i> , 2011, 225, 328-333.	2.2	61
63	Antidepressant-like effect of ascorbic acid is associated with the modulation of mammalian target of rapamycin pathway. <i>Journal of Psychiatric Research</i> , 2014, 48, 16-24.	3.1	61
64	The role of vitamin C in stress-related disorders. <i>Journal of Nutritional Biochemistry</i> , 2020, 85, 108459.	4.2	60
65	Antidepressant-like effects of ascorbic acid and ketamine involve modulation of GABAA and GABAB receptors. <i>Pharmacological Reports</i> , 2016, 68, 996-1001.	3.3	59
66	<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, 158-169.	4.1	57
67	Depressive-like behavior induced by tumor necrosis factor- $\alpha$ is abolished by agmatine administration. <i>Behavioural Brain Research</i> , 2014, 261, 336-344.	2.2	57
68	$\alpha$ -Tocopherol administration produces an antidepressant-like effect in predictive animal models of depression. <i>Behavioural Brain Research</i> , 2010, 209, 249-259.	2.2	56
69	Fluoxetine modulates hippocampal cell signaling pathways implicated in neuroplasticity in olfactory bulbectomized mice. <i>Behavioural Brain Research</i> , 2013, 237, 176-184.	2.2	56
70	Antinociceptive Properties of the Hydroalcoholic Extract and the Flavonoid Rutin Obtained from <i>Polygala paniculata</i> L. in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 306-315.	2.5	55
71	Involvement of PI3K, GSK-3 $\beta$ and PPAR $\gamma$ in the antidepressant-like effect of folic acid in the forced swimming test in mice. <i>Journal of Psychopharmacology</i> , 2012, 26, 714-723.	4.0	55
72	Involvement of PKA, CaMKII, PKC, MAPK/ERK and PI3K in the acute antidepressant-like effect of ferulic acid in the tail suspension test. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 103, 181-186.	2.9	55

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73	Antidepressant-like effect of lectin from <i>Canavalia brasiliensis</i> (ConBr) administered centrally in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 160-169.	2.9	54
74	Antidepressant-like effect of $\alpha$ -tocopherol in a mouse model of depressive-like behavior induced by TNF- $\alpha$ . <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 48-57.	4.8	53
75	Guanosine prevents behavioral alterations in the forced swimming test and hippocampal oxidative damage induced by acute restraint stress. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 127, 7-14.	2.9	53
76	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. <i>European Neuropsychopharmacology</i> , 2016, 26, 959-971.	0.7	53
77	Agmatine Induces Nrf2 and Protects Against Corticosterone Effects in Hippocampal Neuronal Cell Line. <i>Molecular Neurobiology</i> , 2015, 51, 1504-1519.	4.0	52
78	Involvement of glutathione, ERK1/2 phosphorylation and BDNF expression in the antidepressant-like effect of zinc in rats. <i>Behavioural Brain Research</i> , 2008, 188, 316-323.	2.2	50
79	Inosine Reduces Pain-Related Behavior in Mice: Involvement of Adenosine A <sub>1</sub> and A <sub>2A</sub> Receptor Subtypes and Protein Kinase C Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 590-598.	2.5	50
80	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.	4.0	50
81	Involvement of PKA, MAPK/ERK and CaMKII, but not PKC in the acute antidepressant-like effect of memantine in mice. <i>Neuroscience Letters</i> , 2006, 395, 93-97.	2.1	49
82	Anxiolytic-like effects of ursolic acid in mice. <i>European Journal of Pharmacology</i> , 2015, 758, 171-176.	3.5	49
83	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.	4.8	49
84	Evidence for imidazoline receptors involvement in the agmatine antidepressant-like effect in the forced swimming test. <i>European Journal of Pharmacology</i> , 2007, 565, 125-131.	3.5	48
85	Pramipexole, a Dopamine D2/D3 Receptor-Preferring Agonist, Prevents Experimental Autoimmune Encephalomyelitis Development in Mice. <i>Molecular Neurobiology</i> , 2017, 54, 1033-1045.	4.0	48
86	Anxiolytic effects of ascorbic acid and ketamine in mice. <i>Journal of Psychiatric Research</i> , 2018, 100, 16-23.	3.1	48
87	Ghrelin as a Neuroprotective and Palliative Agent in Alzheimer's and Parkinson's Disease. <i>Current Pharmaceutical Design</i> , 2013, 19, 6773-6790.	1.9	47
88	TNF- $\alpha$ -induced depressive-like phenotype and p38MAPK activation are abolished by ascorbic acid treatment. <i>European Neuropsychopharmacology</i> , 2015, 25, 902-912.	0.7	46
89	Zinc reverses malathion-induced impairment in antioxidant defenses. <i>Toxicology Letters</i> , 2009, 187, 137-143.	0.8	44
90	Acute ghrelin administration reverses depressive-like behavior induced by bilateral olfactory bulbectomy in mice. <i>Peptides</i> , 2012, 35, 160-165.	2.4	44

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91	The antidepressant-like effect of inosine in the FST is associated with both adenosine A1 and A2A receptors. <i>Purinergic Signalling</i> , 2013, 9, 481-486.	2.2	44
92	Therapeutic Potential of Ursolic Acid to Manage Neurodegenerative and Psychiatric Diseases. <i>CNS Drugs</i> , 2017, 31, 1029-1041.	5.9	44
93	Pharmacological evidence for the involvement of the opioid system in the antidepressant-like effect of adenosine in the mouse forced swimming test. <i>European Journal of Pharmacology</i> , 2007, 576, 91-98.	3.5	43
94	Chronic administration of duloxetine and mirtazapine downregulates proapoptotic proteins and upregulates neurotrophin gene expression in the hippocampus and cerebral cortex of mice. <i>Journal of Psychiatric Research</i> , 2013, 47, 802-808.	3.1	43
95	Serotonergic and noradrenergic systems are implicated in the antidepressant-like effect of ursolic acid in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 124, 108-116.	2.9	43
96	The inhibition of different types of potassium channels underlies the antidepressant-like effect of adenosine in the mouse forced swimming test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 690-696.	4.8	42
97	Effects of Agmatine on Depressive-Like Behavior Induced by Intracerebroventricular Administration of 1-Methyl-4-phenylpyridinium (MPP+). <i>Neurotoxicity Research</i> , 2015, 28, 222-231.	2.7	42
98	Involvement of dopamine receptors in the antidepressant-like effect of melatonin in the tail suspension test. <i>European Journal of Pharmacology</i> , 2010, 638, 78-83.	3.5	41
99	Acute agmatine administration, similar to ketamine, reverses depressive-like behavior induced by chronic unpredictable stress in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 150-151, 108-114.	2.9	41
100	Therapeutic potential of agmatine for CNS disorders. <i>Neurochemistry International</i> , 2017, 108, 318-331.	3.8	41
101	Evidence for the involvement of glutamatergic system in the antinociceptive effect of ascorbic acid. <i>Neuroscience Letters</i> , 2005, 381, 185-188.	2.1	40
102	Antioxidant and Acetylcholinesterase Response to Repeated Malathion Exposure in Rat Cerebral Cortex and Hippocampus. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 365-369.	2.5	40
103	Involvement of the adenosine A1 and A2A receptors in the antidepressant-like effect of zinc in the forced swimming test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 994-999.	4.8	40
104	Folic acid administration prevents ouabain-induced hyperlocomotion and alterations in oxidative stress markers in the rat brain. <i>Bipolar Disorders</i> , 2010, 12, 414-424.	1.9	40
105	Antidepressant-like and neuroprotective effects of <i>Aloysia gratissima</i> : Investigation of involvement of l-arginine-nitric oxide-cyclic guanosine monophosphate pathway. <i>Journal of Ethnopharmacology</i> , 2011, 137, 864-874.	4.1	40
106	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.	2.7	40
107	Antidepressant and pro-neurogenic effects of agmatine in a mouse model of stress induced by chronic exposure to corticosterone. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 395-407.	4.8	40
108	Antidepressant-like and antinociceptive-like actions of 4-(4-chlorophenyl)-6-(4-methylphenyl)-2-hydrazinepyrimidine Mannich base in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 82, 156-162.	2.9	39

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109	Agmatine, a potential novel therapeutic strategy for depression. <i>European Neuropsychopharmacology</i> , 2016, 26, 1885-1899.	0.7	39
110	Ascorbic Acid to Manage Psychiatric Disorders. <i>CNS Drugs</i> , 2017, 31, 571-583.	5.9	39
111	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, 185-194.	2.3	38
112	Antinociceptive Effect of the <i>Polygala sabulosa</i> Hydroalcoholic Extract in Mice: Evidence for the Involvement of Glutamatergic Receptors and Cytokine Pathways. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 43-47.	2.5	37
113	Antidepressant-like effect of zinc is dependent on signaling pathways implicated in BDNF modulation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 59, 59-67.	4.8	36
114	Antidepressant-like effect of pramipexole in an inflammatory model of depression. <i>Behavioural Brain Research</i> , 2017, 320, 365-373.	2.2	36
115	Behavioral effects and ChE measures after acute and repeated administration of malathion in rats. <i>Environmental Toxicology and Pharmacology</i> , 2005, 20, 443-449.	4.0	35
116	Anti-hypernociceptive properties of agmatine in persistent inflammatory and neuropathic models of pain in mice. <i>Brain Research</i> , 2007, 1159, 124-133.	2.2	35
117	The antimanic-like effect of tamoxifen: Behavioural comparison with other PKC-inhibiting and antiestrogenic drugs. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1927-1931.	4.8	35
118	Antidepressant-like effect of creatine in mice involves dopaminergic activation. <i>Journal of Psychopharmacology</i> , 2012, 26, 1489-1501.	4.0	35
119	The Antidepressant-like Effect of Physical Activity on a Voluntary Running Wheel. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 851-859.	0.4	35
120	Agmatine enhances antidepressant potency of MK-801 and conventional antidepressants in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 130, 9-14.	2.9	35
121	Novel approaches for the management of depressive disorders. <i>European Journal of Pharmacology</i> , 2016, 771, 236-240.	3.5	35
122	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.	4.0	35
123	Involvement of PI3K/Akt/GSK-3 $\beta$ signaling pathway in the antidepressant-like and neuroprotective effects of <i>Morus nigra</i> and its major phenolic, syringic acid. <i>Chemico-Biological Interactions</i> , 2019, 314, 108843.	4.0	35
124	Evidence for the involvement of the opioid system in the antidepressant-like effect of folic acid in the mouse forced swimming test. <i>Behavioural Brain Research</i> , 2009, 200, 122-127.	2.2	34
125	Involvement of monoaminergic systems in the antidepressant-like effect of <i>Eugenia brasiliensis</i> Lam. (Myrtaceae) in the tail suspension test in mice. <i>Journal of Ethnopharmacology</i> , 2012, 143, 720-731.	4.1	34
126	Creatine, similarly to ketamine, affords antidepressant-like effects in the tail suspension test via adenosine A1 and A2A receptor activation. <i>Purinergic Signalling</i> , 2015, 11, 215-227.	2.2	34



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127	Role of different types of potassium channels in the antidepressant-like effect of agmatine in the mouse forced swimming test. <i>European Journal of Pharmacology</i> , 2007, 575, 87-93.	3.5	33
128	Involvement of different types of potassium channels in the antidepressant-like effect of ascorbic acid in the mouse tail suspension test. <i>European Journal of Pharmacology</i> , 2012, 687, 21-27.	3.5	33
129	NCS-1 deficiency causes anxiety and depressive-like behavior with impaired non-aversive memory in mice. <i>Physiology and Behavior</i> , 2014, 130, 91-98.	2.1	33
130	Sub-chronic agmatine treatment modulates hippocampal neuroplasticity and cell survival signaling pathways in mice. <i>Journal of Psychiatric Research</i> , 2014, 58, 137-146.	3.1	33
131	The antidepressant-like effect of chronic guanosine treatment is associated with increased hippocampal neuronal differentiation. <i>European Journal of Neuroscience</i> , 2016, 43, 1006-1015.	2.6	33
132	Antinociceptive action of ethanolic extract obtained from roots of <i>Humirianthera ampla</i> Miers. <i>Journal of Ethnopharmacology</i> , 2007, 114, 355-363.	4.1	32
133	The role of the NMDA receptors and l-arginineâ€“nitric oxideâ€“cyclic guanosine monophosphate pathway in the antidepressant-like effect of duloxetine in the forced swimming test. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 103, 408-417.	2.9	32
134	The activation of Î±1-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.	4.8	32
135	Both Creatine and Its Product Phosphocreatine Reduce Oxidative Stress and Afford Neuroprotection in an <i>In Vitro</i> Parkinsonâ€™s Model. <i>ASN Neuro</i> , 2014, 6, 175909141455494.	2.7	32
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