

Ana LÃ³cia S Rodrigues

List of Publications by Year in descending order

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244
papers

11,499
citations

20797

60
h-index

48277

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.	2.0	295
2	Depressive-like behavior induced by tumor necrosis factor- β in mice. <i>Neuropharmacology</i> , 2012, 62, 419-426.	2.0	252
3	Caffeine acts through neuronal adenosine A _{2A} 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.	3.3	248
4	Agmatine: clinical applications after 100 years in translation. <i>Drug Discovery Today</i> , 2013, 18, 880-893.	3.2	207
5	Agmatine produces antidepressant-like effects in two models of depression in mice. <i>NeuroReport</i> , 2002, 13, 387-391.	0.6	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.	1.5	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.	2.0	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.	1.0	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.	1.7	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.	1.2	164
11	Depression in neurodegenerative diseases: Common mechanisms and current treatment options. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 102, 56-84.	2.9	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.	2.5	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.	1.0	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.	1.7	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.	2.5	121
17	Mechanisms involved in the antinociception caused by agmatine in mice. <i>Neuropharmacology</i> , 2005, 48, 1021-1034.	2.0	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.	2.5	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.	2.0	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.	2.5	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.	4.2	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.	0.6	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.	1.9	111
24	Nrf2 participates in depressive disorders through an anti-inflammatory mechanism. <i>Psychoneuroendocrinology</i> , 2013, 38, 2010-2022.	1.3	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.	2.5	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.	1.7	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.	1.0	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.	1.7	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.	1.2	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.	1.0	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.	1.3	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.	0.3	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.	2.5	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.	1.9	82
35	Lead stimulates ERK1/2 and p38MAPK phosphorylation in the hippocampus of immature rats. <i>Brain Research</i> , 2004, 998, 65-72.	1.1	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.	1.3	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.	0.3	79
38	Preventive and therapeutic potential of ascorbic acid in neurodegenerative diseases. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 921-929.	1.9	79
39	Neuropeptide Y (NPY) prevents depressive-like behavior, spatial memory deficits and oxidative stress following amyloid- β^2 (A β^{21-40}) administration in mice. <i>Behavioural Brain Research</i> , 2013, 244, 107-115.	1.2	78
40	Guanosine and its role in neuropathologies. <i>Purinergic Signalling</i> , 2016, 12, 411-426.	1.1	78
41	Mechanisms involved in the antinociception caused by melatonin in mice. <i>Journal of Pineal Research</i> , 2006, 41, 382-389.	3.4	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.	1.2	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.	1.7	77
44	Potential Role of Vitamin D for the Management of Depression and Anxiety. <i>CNS Drugs</i> , 2019, 33, 619-637.	2.7	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.	2.0	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.	1.7	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.	1.1	74
48	Zinc Attenuates Malathion-Induced Depressant-like Behavior and Confers Neuroprotection in the Rat Brain. <i>Toxicological Sciences</i> , 2007, 97, 140-148.	1.4	73
49	Depression and peripheral inflammatory profile of patients with obesity. <i>Psychoneuroendocrinology</i> , 2018, 91, 132-141.	1.3	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.	2.5	72
51	Acute treatments with GMP produce antidepressant-like effects in mice. <i>NeuroReport</i> , 2000, 11, 1839-1843.	0.6	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.	1.2	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.	2.0	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.	2.5	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 β pathway activation and inducible nitric oxide synthase inhibition. <i>Journal of Neuroscience Research</i> , 2011, 89, 1400-1408.	1.3	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.	1.4	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.	1.7	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.	2.5	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.	1.3	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.	1.7	62
61	Involvement of PI3K/Akt/GSK-3 β and mTOR in the antidepressant-like effect of atorvastatin in mice. <i>Journal of Psychiatric Research</i> , 2016, 82, 50-57.	1.5	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.	1.2	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.	1.5	61
64	The role of vitamin C in stress-related disorders. <i>Journal of Nutritional Biochemistry</i> , 2020, 85, 108459.	1.9	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.	1.5	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.	2.0	57
67	Depressive-like behavior induced by tumor necrosis factor- α is abolished by agmatine administration. <i>Behavioural Brain Research</i> , 2014, 261, 336-344.	1.2	57
68	α -Tocopherol administration produces an antidepressant-like effect in predictive animal models of depression. <i>Behavioural Brain Research</i> , 2010, 209, 249-259.	1.2	56
69	Fluoxetine modulates hippocampal cell signaling pathways implicated in neuroplasticity in olfactory bulbectomized mice. <i>Behavioural Brain Research</i> , 2013, 237, 176-184.	1.2	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.	1.2	55
71	Involvement of PI3K, GSK-3 β and PPAR γ in the antidepressant-like effect of folic acid in the forced swimming test in mice. <i>Journal of Psychopharmacology</i> , 2012, 26, 714-723.	2.0	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.	1.3	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.	1.3	54
74	Antidepressant-like effect of α -tocopherol in a mouse model of depressive-like behavior induced by TNF- α . <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 48-57.	2.5	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.	1.3	53
76	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. <i>European Neuropsychopharmacology</i> , 2016, 26, 959-971.	0.3	53
77	Agmatine Induces Nrf2 and Protects Against Corticosterone Effects in Hippocampal Neuronal Cell Line. <i>Molecular Neurobiology</i> , 2015, 51, 1504-1519.	1.9	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.	1.2	50
79	Inosine Reduces Pain-Related Behavior in Mice: Involvement of Adenosine A ₁ and A _{2A} Receptor Subtypes and Protein Kinase C Pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 590-598.	1.3	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.	1.9	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.	1.0	49
82	Anxiolytic-like effects of ursolic acid in mice. <i>European Journal of Pharmacology</i> , 2015, 758, 171-176.	1.7	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.	2.5	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.	1.7	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.	1.9	48
86	Anxiolytic effects of ascorbic acid and ketamine in mice. <i>Journal of Psychiatric Research</i> , 2018, 100, 16-23.	1.5	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.	0.9	47
88	TNF- α -induced depressive-like phenotype and p38MAPK activation are abolished by ascorbic acid treatment. <i>European Neuropsychopharmacology</i> , 2015, 25, 902-912.	0.3	46
89	Zinc reverses malathion-induced impairment in antioxidant defenses. <i>Toxicology Letters</i> , 2009, 187, 137-143.	0.4	44
90	Acute ghrelin administration reverses depressive-like behavior induced by bilateral olfactory bulbectomy in mice. <i>Peptides</i> , 2012, 35, 160-165.	1.2	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.	1.1	44
92	Therapeutic Potential of Ursolic Acid to Manage Neurodegenerative and Psychiatric Diseases. <i>CNS Drugs</i> , 2017, 31, 1029-1041.	2.7	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.	1.7	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.	1.5	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.	1.3	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.	2.5	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.	1.3	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.	1.7	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.	1.3	41
100	Therapeutic potential of agmatine for CNS disorders. <i>Neurochemistry International</i> , 2017, 108, 318-331.	1.9	41
101	Evidence for the involvement of glutamatergic system in the antinociceptive effect of ascorbic acid. <i>Neuroscience Letters</i> , 2005, 381, 185-188.	1.0	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.	1.2	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.	2.5	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.	1.1	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.	2.0	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.	1.2	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.	2.5	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.	1.3	39

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109	Agmatine, a potential novel therapeutic strategy for depression. <i>European Neuropsychopharmacology</i> , 2016, 26, 1885-1899.	0.3	39
110	Ascorbic Acid to Manage Psychiatric Disorders. <i>CNS Drugs</i> , 2017, 31, 571-583.	2.7	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.	1.1	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.	1.2	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.	2.5	36
114	Antidepressant-like effect of pramipexole in an inflammatory model of depression. <i>Behavioural Brain Research</i> , 2017, 320, 365-373.	1.2	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.	2.0	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.	1.1	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.	2.5	35
118	Antidepressant-like effect of creatine in mice involves dopaminergic activation. <i>Journal of Psychopharmacology</i> , 2012, 26, 1489-1501.	2.0	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.	0.2	35
120	Agmatine enhances antidepressant potency of MK-801 and conventional antidepressants in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 130, 9-14.	1.3	35
121	Novel approaches for the management of depressive disorders. <i>European Journal of Pharmacology</i> , 2016, 771, 236-240.	1.7	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.	1.9	35
123	Involvement of PI3K/Akt/GSK-3 β 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.	1.7	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.	1.2	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.	2.0	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.	1.1	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.	1.7	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.	1.7	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.	1.0	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.	1.5	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.	1.2	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.	2.0	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.	1.3	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.	2.5	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.	1.5	32
136	Augmentation effect of ketamine by guanosine in the novelty-suppressed feeding test is dependent on mTOR signaling pathway. <i>Journal of Psychiatric Research</i> , 2019, 115, 103-112.	1.5	32
137	MPP+-Lesioned Mice: an Experimental Model of Motor, Emotional, Memory/Learning, and Striatal Neurochemical Dysfunctions. <i>Molecular Neurobiology</i> , 2017, 54, 6356-6377.	1.9	31
138	Atorvastatin Protects from AÎ²1â€“40-Induced Cell Damage and Depressive-Like Behavior via ProBDNF Cleavage. <i>Molecular Neurobiology</i> , 2017, 54, 6163-6173.	1.9	31
139	Vitamin E for the management of major depressive disorder: possible role of the anti-inflammatory and antioxidant systems. <i>Nutritional Neuroscience</i> , 2022, 25, 1310-1324.	1.5	31
140	Glutamatergic NMDA Receptor as Therapeutic Target for Depression. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 103, 169-202.	1.0	30
141	Contribution of spinal glutamatergic receptors to the antinociception caused by agmatine in mice. <i>Brain Research</i> , 2006, 1093, 116-122.	1.1	29
142	Nutritional strategies for dealing with depression. <i>Food and Function</i> , 2013, 4, 1776.	2.1	29
143	Evidence for the involvement of 5-HT1A receptor in the acute antidepressant-like effect of creatine in mice. <i>Brain Research Bulletin</i> , 2013, 95, 61-69.	1.4	29
144	Signaling pathways underlying the antidepressant-like effect of inosine in mice. <i>Purinergic Signalling</i> , 2017, 13, 203-214.	1.1	28

#	ARTICLE	IF	CITATIONS
145	The possible beneficial effects of creatine for the management of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 193-206.	2.5	28
146	Involvement of Heme Oxygenase-1 in Neuropsychiatric and Neurodegenerative Diseases. <i>Current Pharmaceutical Design</i> , 2018, 24, 2283-2302.	0.9	28
147	Effect of some metal ions on blood and liver delta-aminolevulinatase of <i>Pimelodus maculatus</i> (Pisces, pimelodidae). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1989, 94, 65-69.	0.2	27
148	Involvement of NMDA receptors in the antidepressant-like action of adenosine. <i>Pharmacological Reports</i> , 2012, 64, 706-713.	1.5	27
149	Antidepressant-like responses in the forced swimming test elicited by glutathione and redox modulation. <i>Behavioural Brain Research</i> , 2013, 253, 165-172.	1.2	27
150	Antidepressant-like effect of <i>Canavalia brasiliensis</i> (ConBr) lectin in mice: Evidence for the involvement of the glutamatergic system. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 122, 53-60.	1.3	27
151	Creatine Prevents Corticosterone-Induced Reduction in Hippocampal Proliferation and Differentiation: Possible Implication for Its Antidepressant Effect. <i>Molecular Neurobiology</i> , 2017, 54, 6245-6260.	1.9	27
152	The involvement of PI3K/Akt/mTOR/GSK3 β signaling pathways in the antidepressant-like effect of AZD6765. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 198, 173020.	1.3	27
153	Antidepressant-like action of the bark ethanolic extract from <i>Tabebuia avellaneda</i> in the olfactory bulbectomized mice. <i>Journal of Ethnopharmacology</i> , 2013, 145, 737-745.	2.0	26
154	Creatine affords protection against glutamate-induced nitrosative and oxidative stress. <i>Neurochemistry International</i> , 2016, 95, 4-14.	1.9	25
155	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> , 2018, 173, 44-50.	1.3	25
156	Ascorbic acid presents rapid behavioral and hippocampal synaptic plasticity effects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109757.	2.5	25
157	δ -Aminolevulinic Acid Dehydratase Activity in Weanling and Adult Rats Exposed to Lead Acetate. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1996, 57, 47-53.	1.3	24
158	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, 653-659.	1.5	24
159	Is there an association between hypercholesterolemia and depression? Behavioral evidence from the LDLr $\alpha^{-/-}$ mouse experimental model. <i>Behavioural Brain Research</i> , 2016, 311, 31-38.	1.2	24
160	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.	1.2	24
161	Neurotoxicity induced by dexamethasone in the human neuroblastoma SH-SY5Y cell line can be prevented by folic acid. <i>Neuroscience</i> , 2011, 190, 346-353.	1.1	23
162	Atorvastatin evokes a serotonergic system-dependent antidepressant-like effect in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 122, 253-260.	1.3	23

#	ARTICLE	IF	CITATIONS
163	The antidepressant-like effect of guanosine is dependent on GSK-3 β inhibition and activation of MAPK/ERK and Nrf2/heme oxygenase-1 signaling pathways. <i>Purinergic Signalling</i> , 2019, 15, 491-504.	1.1	23
164	Thalidomide reduces mechanical hyperalgesia and depressive-like behavior induced by peripheral nerve crush in mice. <i>Neuroscience</i> , 2015, 303, 51-58.	1.1	22
165	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.	1.5	22
166	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.	1.4	22
167	Physical exercise prevents amyloid β^{1-40} -induced disturbances in NLRP3 inflammasome pathway in the hippocampus of mice. <i>Metabolic Brain Disease</i> , 2021, 36, 351-359.	1.4	22
168	Subchronic administration of ascorbic acid elicits antidepressant-like effect and modulates cell survival signaling pathways in mice. <i>Journal of Nutritional Biochemistry</i> , 2016, 38, 50-56.	1.9	21
169	mTORC1-dependent signaling pathway underlies the rapid effect of creatine and ketamine in the novelty-suppressed feeding test. <i>Chemico-Biological Interactions</i> , 2020, 332, 109281.	1.7	21
170	Duloxetine Protects Human Neuroblastoma Cells from Oxidative Stress-Induced Cell Death Through Akt/Nrf-2/HO-1 Pathway. <i>Neurochemical Research</i> , 2018, 43, 387-396.	1.6	20
171	Functional role of ascorbic acid in the central nervous system: a focus on neurogenic and synaptogenic processes. <i>Nutritional Neuroscience</i> , 2022, 25, 2431-2441.	1.5	20
172	Role of agmatine in neurodegenerative diseases and epilepsy. <i>Frontiers in Bioscience - Elite</i> , 2014, 6, 341-359.	0.9	20
173	The crude extract from the sea anemone, <i>Bunodosoma caissarum</i> elicits convulsions in mice: possible involvement of the glutamatergic system. <i>Toxicon</i> , 2002, 40, 1667-1674.	0.8	19
174	Ketamine, but not guanosine, as a prophylactic agent against corticosterone-induced depressive-like behavior: Possible role of long-lasting pro-synaptogenic signaling pathway. <i>Experimental Neurology</i> , 2020, 334, 113459.	2.0	19
175	Cholecalciferol abolishes depressive-like behavior and hippocampal glucocorticoid receptor impairment induced by chronic corticosterone administration in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 196, 172971.	1.3	19
176	Role of potassium channels in the antidepressant-like effect of folic acid in the forced swimming test in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 148-154.	1.3	18
177	Evidence of the involvement of the monoaminergic systems in the antidepressant-like effect of <i>Aloysia gratissima</i> . <i>Journal of Ethnopharmacology</i> , 2013, 148, 914-920.	2.0	18
178	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> , 2017, 124, 1227-1237.	1.4	18
179	Agmatine potentiates neuroprotective effects of subthreshold concentrations of ketamine via mTOR/S6 kinase signaling pathway. <i>Neurochemistry International</i> , 2018, 118, 275-285.	1.9	18
180	Novel Targets for Fast Antidepressant Responses: Possible Role of Endogenous Neuromodulators. <i>Chronic Stress</i> , 2019, 3, 247054701985808.	1.7	18

#	ARTICLE	IF	CITATIONS
181	Guanosine fast onset antidepressant-like effects in the olfactory bulbectomy mice model. <i>Scientific Reports</i> , 2020, 10, 8429.	1.6	18
182	Molecular Basis Underlying the Therapeutic Potential of Vitamin D for the Treatment of Depression and Anxiety. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7077.	1.8	18
183	Prophylactic effect of physical exercise on A β ²⁵⁻³⁵ -induced depressive-like behavior: Role of BDNF, mTOR signaling, cell proliferation and survival in the hippocampus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109646.	2.5	17
184	Subthreshold doses of guanosine plus ketamine elicit antidepressant-like effect in a mouse model of depression induced by corticosterone: Role of GR/NF- κ B/IDO-1 signaling. <i>Neurochemistry International</i> , 2020, 139, 104797.	1.9	17
185	Vatairea macrocarpa Lectin (VML) Induces Depressive-like Behavior and Expression of Neuroinflammatory Markers in Mice. <i>Neurochemical Research</i> , 2013, 38, 2375-2384.	1.6	16
186	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.	1.5	16
187	ISX-9 can potentiate cell proliferation and neuronal commitment in the rat dentate gyrus. <i>Neuroscience</i> , 2016, 332, 212-222.	1.1	15
188	Antidepressant effects of creatine on amyloid β ²⁵⁻³⁵ -treated mice: The role of GSK-3 β /Nrf2 pathway. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 270-278.	2.5	15
189	A single coadministration of subeffective doses of ascorbic acid and ketamine reverses the depressive-like behavior induced by chronic unpredictable stress in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 187, 172800.	1.3	15
190	Protective Effects of Ursolic Acid Against Cytotoxicity Induced by Corticosterone: Role of Protein Kinases. <i>Neurochemical Research</i> , 2019, 44, 2843-2855.	1.6	15
191	Guanosine potentiates the antidepressant-like effect of subthreshold doses of ketamine: Possible role of pro-synaptogenic signaling pathway. <i>Journal of Affective Disorders</i> , 2020, 271, 100-108.	2.0	15
192	A single administration of ascorbic acid rapidly reverses depressive-like behavior and hippocampal synaptic dysfunction induced by corticosterone in mice. <i>Chemico-Biological Interactions</i> , 2021, 342, 109476.	1.7	15
193	The resilient phenotype elicited by ketamine against inflammatory stressors-induced depressive-like behavior is associated with NLRP3-driven signaling pathway. <i>Journal of Psychiatric Research</i> , 2021, 144, 118-128.	1.5	15
194	NMDA Receptors and the L-Arginine \rightarrow Nitric Oxide \rightarrow Cyclic Guanosine Monophosphate Pathway Are Implicated in the Antidepressant-Like Action of the Ethanolic Extract from <i>Tabebuia avellanedae</i> in Mice. <i>Journal of Medicinal Food</i> , 2013, 16, 1030-1038.	0.8	14
195	Brain-Derived Neurotrophic Factor Prevents Depressive-Like Behaviors in Early-Symptomatic YAC128 Huntington Δ TM's Disease Mice. <i>Molecular Neurobiology</i> , 2018, 55, 7201-7215.	1.9	14
196	Effects of cholecalciferol on behavior and production of reactive oxygen species in female mice subjected to corticosterone-induced model of depression. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 111-120.	1.4	14
197	Antidepressant-like effect of guanosine involves activation of AMPA receptor and BDNF/TrkB signaling. <i>Purinergic Signalling</i> , 2021, 17, 285-301.	1.1	14
198	Protective effect of crude extract from <i>Wedelia paludosa</i> (Asteraceae) on the hepatotoxicity induced by paracetamol in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 137-142.	1.2	13

#	ARTICLE	IF	CITATIONS
199	Involvement of glutamatergic neurotransmission in the antidepressant-like effect of zinc in the chronic unpredictable stress model of depression. <i>Journal of Neural Transmission</i> , 2016, 123, 339-352.	1.4	13
200	Evidence for the involvement of heme oxygenase-1 in the antidepressant-like effect of zinc. <i>Pharmacological Reports</i> , 2017, 69, 497-503.	1.5	13
201	Lead exposure and latent learning ability of adult female rats. <i>Behavioral and Neural Biology</i> , 1993, 60, 274-279.	2.3	12
202	Antidepressant-like effect of extract from <i>Polygala paniculata</i> : Involvement of the monoaminergic systems. <i>Pharmaceutical Biology</i> , 2011, 49, 1277-1285.	1.3	12
203	Folic Acid Protects Against Glutamate-Induced Excitotoxicity in Hippocampal Slices Through a Mechanism that Implicates Inhibition of GSK-3 β and iNOS. <i>Molecular Neurobiology</i> , 2018, 55, 1580-1589.	1.9	12
204	Neuroprotective effects of mirtazapine and imipramine and their effect in pro- and anti-apoptotic gene expression in human neuroblastoma cells. <i>Pharmacological Reports</i> , 2020, 72, 563-570.	1.5	12
205	A low-dose combination of ketamine and guanosine counteracts corticosterone-induced depressive-like behavior and hippocampal synaptic impairments via mTORC1 signaling. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110371.	2.5	12
206	Natural Polyphenols and Terpenoids for Depression Treatment: Current Status. <i>Studies in Natural Products Chemistry</i> , 2018, 55, 181-221.	0.8	11
207	Evidence for the involvement of opioid system in the antidepressant-like effect of ascorbic acid. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 169-176.	1.4	11
208	Antidepressant Effects of Probucol on Early-Symptomatic YAC128 Transgenic Mice for Huntington's Disease. <i>Neural Plasticity</i> , 2018, 2018, 1-17.	1.0	11
209	Levels of 25-hydroxyvitamin D3, biochemical parameters and symptoms of depression and anxiety in healthy individuals. <i>Metabolic Brain Disease</i> , 2019, 34, 527-535.	1.4	11
210	Physical exercise stimulates hippocampal mTORC1 and FNDC5/irisin signaling pathway in mice: Possible implication for its antidepressant effect. <i>Behavioural Brain Research</i> , 2021, 400, 113040.	1.2	11
211	Low doses of ketamine and guanosine abrogate corticosterone-induced anxiety-related behavior, but not disturbances in the hippocampal NLRP3 inflammasome pathway. <i>Psychopharmacology</i> , 2021, 238, 2555-2568.	1.5	11
212	Effects of ascorbic acid on anxiety state and affect in a non-clinical sample. <i>Acta Neurobiologiae Experimentalis</i> , 2017, 77, 362-372.	0.4	10
213	Agmatine as a novel candidate for rapid-onset antidepressant response. <i>World Journal of Psychiatry</i> , 2021, 11, 981-996.	1.3	10
214	SARS-CoV-2 consequences for mental health: Neuroinflammatory pathways linking COVID-19 to anxiety and depression. <i>World Journal of Psychiatry</i> , 2022, 12, 874-883.	1.3	10
215	Statins enhance cognitive performance in object location test in albino Swiss mice: Involvement of beta-adrenoceptors. <i>Physiology and Behavior</i> , 2015, 143, 27-34.	1.0	9
216	Effects of physical exercise and social isolation on anxiety-related behaviors in two inbred rat strains. <i>Behavioural Processes</i> , 2017, 142, 70-78.	0.5	9

#	ARTICLE	IF	CITATIONS
217	Ketamine, but not fluoxetine, rapidly rescues corticosterone-induced impairments on glucocorticoid receptor and dendritic branching in the hippocampus of mice. <i>Metabolic Brain Disease</i> , 2021, 36, 2223-2233.	1.4	9
218	The involvement of GABAergic system in the antidepressant-like effect of agmatine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1931-1939.	1.4	9
219	ConBr, a lectin from <i>Canavalia brasiliensis</i> seeds, modulates signaling pathways and increases BDNF expression probably via a glycosylated target. <i>Journal of Molecular Recognition</i> , 2014, 27, 746-754.	1.1	8
220	Prophylactic effect of physical exercise on A β 1-40-induced depressive-like behavior and gut dysfunction in mice. <i>Behavioural Brain Research</i> , 2020, 393, 112791.	1.2	8
221	Ursolic acid abrogates depressive-like behavior and hippocampal pro-apoptotic imbalance induced by chronic unpredictable stress. <i>Metabolic Brain Disease</i> , 2021, 36, 437-446.	1.4	8
222	Behavioral and neurochemical effects of folic acid in a mouse model of depression induced by TNF- α . <i>Behavioural Brain Research</i> , 2021, 414, 113512.	1.2	8
223	Agmatine potentiates antidepressant and synaptic actions of ketamine: Effects on dendritic arbors and spines architecture and Akt/S6 kinase signaling. <i>Experimental Neurology</i> , 2020, 333, 113398.	2.0	7
224	Prophylactic efficacy of ketamine, but not the low-trapping NMDA receptor antagonist AZD6765, against stress-induced maladaptive behavior and 4E-BP1-related synaptic protein synthesis impairment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 115, 110509.	2.5	7
225	Protective Effects of Agmatine Against Corticosterone-Induced Impairment on Hippocampal mTOR Signaling and Cell Death. <i>Neurotoxicity Research</i> , 2020, 38, 319-329.	1.3	6
226	Neuronal activity regulated pentraxin (narp) and GluA4 subunit of AMPA receptor may be targets for fluoxetine modulation. <i>Metabolic Brain Disease</i> , 2021, 36, 711-722.	1.4	6
227	Effects of ascorbic acid on anxiety state and affect in a non-clinical sample. <i>Acta Neurobiologiae Experimentalis</i> , 2017, 77, 362-372.	0.4	6
228	Effects of lead on adenylate cyclase activity in rat cerebral cortex. <i>Neurochemical Research</i> , 1999, 24, 1037-1042.	1.6	5
229	Veratrine blocks the lamotrigine-induced swimming increase and immobility decrease in the modified forced swimming test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1307-1311.	2.5	5
230	Involvement of serotonergic neurotransmission in the antidepressant-like effect elicited by cholecalciferol in the chronic unpredictable stress model in mice. <i>Metabolic Brain Disease</i> , 2022, 37, 1597-1608.	1.4	5
231	Intracellular Signaling Pathways Implicated in the Pathophysiology of Depression. , 2019, , 97-109.		4
232	Multiple cellular targets involved in the antidepressant-like effect of glutathione. <i>Chemico-Biological Interactions</i> , 2020, 328, 109195.	1.7	4
233	Current perspectives on the antidepressant-like effects of guanosine. <i>Neural Regeneration Research</i> , 2016, 11, 1411.	1.6	4
234	Guanosine boosts the fast, but not sustained, antidepressant-like and pro-synaptogenic effects of ketamine by stimulating mTORC1-driven signaling pathway. <i>European Neuropsychopharmacology</i> , 2022, 57, 15-29.	0.3	4

#	ARTICLE	IF	CITATIONS
235	mTOR signaling in the neuropathophysiology of depression: current evidence. <i>Journal of Receptor, Ligand and Channel Research</i> , 2015, , 65.	0.7	3
236	Locomotor Treadmill Training Promotes Soleus Trophism by Mammalian Target of Rapamycin Pathway in Paraplegic Rats. <i>Neurochemical Research</i> , 2018, 43, 1258-1268.	1.6	3
237	Role of heme oxygenase-1 in the antidepressant-like effect of ursolic acid in the tail suspension test. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 13-21.	1.2	3
238	Glibenclamide treatment prevents depressive-like behavior and memory impairment induced by chronic unpredictable stress in female mice. <i>Behavioural Pharmacology</i> , 2021, 32, 170-181.	0.8	3
239	Guanosine as a promising target for fast-acting antidepressant responses. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 218, 173422.	1.3	3
240	Guanine-Based Purines as an Innovative Target to Treat Major Depressive Disorder. <i>Frontiers in Pharmacology</i> , 2021, 12, 652130.	1.6	2
241	Dopaminergic Receptors as Neuroimmune Mediators in Experimental Autoimmune Encephalomyelitis. <i>Molecular Neurobiology</i> , 2021, 58, 5971-5985.	1.9	2
242	Temporal Characterization of Behavioral and Hippocampal Dysfunction in the YAC128 Mouse Model of Huntingtonâ€™s Disease. <i>Biomedicines</i> , 2022, 10, 1433.	1.4	2
243	The effect of voluntary wheel running on the antioxidant status is dependent on sociability conditions. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 198, 173018.	1.3	1
244	Ascorbic acid as an antioxidant and applications to the central nervous system. , 2020, , 159-167.		0