

Ana Lcia S Rodrigues

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239
papers

9,076
citations

55
h-index

79
g-index

245
ext. papers

10,290
ext. citations

4.3
avg, IF

6.11
L-index

#	Paper	IF	Citations
239	Depressive-like behavior induced by tumor necrosis factor- β in mice. <i>Neuropharmacology</i> , 2012 , 62, 419-26	6.5	207
238	Caffeine acts through neuronal adenosine A2A 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, 7833-8	11.5	181
237	NLRP3 inflammasome-driven pathways in depression: Clinical and preclinical findings. <i>Brain, Behavior, and Immunity</i> , 2017 , 64, 367-383	16.6	179
236	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, 331-40	5.2	160
235	Agmatine: clinical applications after 100 years in translation. <i>Drug Discovery Today</i> , 2013 , 18, 880-93	8.8	159
234	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	3.3	158
233	Agmatine produces antidepressant-like effects in two models of depression in mice. <i>NeuroReport</i> , 2002 , 13, 387-91	1.7	156
232	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	3.4	150
231	Involvement of monoaminergic system in the antidepressant-like effect of the hydroalcoholic extract of <i>Siphocampylus verticillatus</i> . <i>Life Sciences</i> , 2002 , 70, 1347-58	6.8	147
230	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
229	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
228	Mechanisms involved in the antinociception caused by agmatine in mice. <i>Neuropharmacology</i> , 2005 , 48, 1021-34	5.5	111
227	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, 464-73	5.5	109
226	Adenosine administration produces an antidepressant-like effect in mice: evidence for the involvement of A1 and A2A receptors. <i>Neuroscience Letters</i> , 2004 , 355, 21-4	3.3	108
225	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, 3699-702	1.7	106
224	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, 150-6		106
223	Antidepressant-like effect of the novel thiadiazolidinone NP031115 in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 1549-56	5.5	105

222	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
221	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, 530-40	5.5	103
220	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, 421-8	5.5	98
219	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
218	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, 233-45	5.3	90
217	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
216	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, 204-9	3.4	86
215	Nrf2 participates in depressive disorders through an anti-inflammatory mechanism. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2010-22	5	84
214	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, 279-83	3.3	82
213	Lead stimulates ERK1/2 and p38MAPK phosphorylation in the hippocampus of immature rats. <i>Brain Research</i> , 2004 , 998, 65-72	3.7	81
212	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
211	Depression in neurodegenerative diseases: Common mechanisms and current treatment options. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 102, 56-84	9	79
210	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
209	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, 601-6	5.8	76
208	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	1.2	75
207	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, 143-50	5.5	73
206	Agmatine, by Improving Neuroplasticity Markers and Inducing Nrf2, Prevents Corticosterone-Induced Depressive-Like Behavior in Mice. <i>Molecular Neurobiology</i> , 2016 , 53, 3030-3045	6.2	70
205	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

204	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
203	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
202	Protective effects of ascorbic acid on behavior and oxidative status of restraint-stressed mice. <i>Journal of Molecular Neuroscience</i> , 2013 , 49, 68-79	3.3	66
201	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, 318-22	3.4	66
200	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
199	Folic acid prevents depressive-like behavior and hippocampal antioxidant imbalance induced by restraint stress in mice. <i>Experimental Neurology</i> , 2013 , 240, 112-21	5.7	65
198	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	5.3	64
197	Zinc attenuates malathion-induced depressant-like behavior and confers neuroprotection in the rat brain. <i>Toxicological Sciences</i> , 2007 , 97, 140-8	4.4	63
196	Acute treatments with GMP produce antidepressant-like effects in mice. <i>NeuroReport</i> , 2000 , 11, 1839-43	1.7	63
195	Neuropeptide Y (NPY) prevents depressive-like behavior, spatial memory deficits and oxidative stress following amyloid- β (1-40) administration in mice. <i>Behavioural Brain Research</i> , 2013 , 244, 107-15	3.4	62
194	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, 1419-25	5.5	62
193	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	5.3	61
192	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	5.3	61
191	Mechanisms involved in the antinociception caused by melatonin in mice. <i>Journal of Pineal Research</i> , 2006 , 41, 382-9	10.4	61
190	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, 283-91	4.4	61
189	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, 235-42	5.5	60
188	Involvement of 5-HT _{1A} receptors in the antidepressant-like effect of adenosine in the mouse forced swimming test. <i>Brain Research Bulletin</i> , 2005 , 67, 53-61	3.9	59
187	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, 1400-8	4.4	58

186	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, 119-24	5.3	56
185	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, 335-43	5.5	55
184	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, 328-33	3.4	54
183	Fluoxetine modulates hippocampal cell signaling pathways implicated in neuroplasticity in olfactory bulbectomized mice. <i>Behavioural Brain Research</i> , 2013 , 237, 176-84	3.4	52
182	Folic acid prevents depressive-like behavior induced by chronic corticosterone treatment in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 127, 1-6	3.9	51
181	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	5.2	50
180	Depressive-like behavior induced by tumor necrosis factor- α is abolished by agmatine administration. <i>Behavioural Brain Research</i> , 2014 , 261, 336-44	3.4	50
179	alpha-Tocopherol administration produces an antidepressant-like effect in predictive animal models of depression. <i>Behavioural Brain Research</i> , 2010 , 209, 249-59	3.4	50
178	Antidepressant-like effect of lectin from <i>Canavalia brasiliensis</i> (ConBr) administered centrally in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2006 , 85, 160-9	3.9	49
177	Guanosine and its role in neuropathologies. <i>Purinergic Signalling</i> , 2016 , 12, 411-26	3.8	48
176	Depression and peripheral inflammatory profile of patients with obesity. <i>Psychoneuroendocrinology</i> , 2018 , 91, 132-141	5	47
175	<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
174	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, 306-15	3.1	47
173	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, 714-23	4.6	46
172	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, 181-6	3.9	45
171	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, 316-23	3.4	45
170	Antidepressant-like effects of ascorbic acid and ketamine involve modulation of GABAA and GABAB receptors. <i>Pharmacological Reports</i> , 2016 , 68, 996-1001	3.9	45
169	Agmatine induces Nrf2 and protects against corticosterone effects in hippocampal neuronal cell line. <i>Molecular Neurobiology</i> , 2015 , 51, 1504-19	6.2	44

168	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	3.9	43
167	Inosine reduces pain-related behavior in mice: involvement of adenosine A1 and A2A receptor subtypes and protein kinase C pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 590-8	4.7	43
166	Antidepressant-like effect of ßocopherol 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	5.5	42
165	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, 50-7	5.2	42
164	Evidence for imidazoline receptors involvement in the agmatine antidepressant-like effect in the forced swimming test. <i>European Journal of Pharmacology</i> , 2007 , 565, 125-31	5.3	41
163	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
162	Preventive and therapeutic potential of ascorbic acid in neurodegenerative diseases. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 921-929	6.8	40
161	Acute ghrelin administration reverses depressive-like behavior induced by bilateral olfactory bulbectomy in mice. <i>Peptides</i> , 2012 , 35, 160-5	3.8	40
160	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, 690-6	5.5	40
159	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. <i>European Neuropsychopharmacology</i> , 2016 , 26, 959-71	1.2	40
158	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
157	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
156	Ghrelin as a neuroprotective and palliative agent in Alzheimer's and Parkinson's disease. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6773-90	3.3	39
155	Zinc reverses malathion-induced impairment in antioxidant defenses. <i>Toxicology Letters</i> , 2009 , 187, 137-43	4.4	39
154	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
153	TNF- α -induced depressive-like phenotype and p38(MAPK) activation are abolished by ascorbic acid treatment. <i>European Neuropsychopharmacology</i> , 2015 , 25, 902-12	1.2	38
152	Anxiolytic-like effects of ursolic acid in mice. <i>European Journal of Pharmacology</i> , 2015 , 758, 171-6	5.3	38
151	Folic acid administration prevents ouabain-induced hyperlocomotion and alterations in oxidative stress markers in the rat brain. <i>Bipolar Disorders</i> , 2010 , 12, 414-24	3.8	38

150	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	5.3	38
149	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, 91-8	5.3	38
148	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, 93-7	3.3	38
147	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, 994-9	5.5	37
146	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
145	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, 802-8	5.2	35
144	Anxiolytic effects of ascorbic acid and ketamine in mice. <i>Journal of Psychiatric Research</i> , 2018 , 100, 16-23	5.2	34
143	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
142	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, 156-62	3.9	34
141	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	3.9	33
140	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
139	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, 864-74	5	33
138	Evidence for the involvement of glutamatergic system in the antinociceptive effect of ascorbic acid. <i>Neuroscience Letters</i> , 2005 , 381, 185-8	3.3	32
137	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
136	Antidepressant-like effect of creatine in mice involves dopaminergic activation. <i>Journal of Psychopharmacology</i> , 2012 , 26, 1489-501	4.6	31
135	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, 1927-31	5.5	31
134	Anti-hypernociceptive properties of agmatine in persistent inflammatory and neuropathic models of pain in mice. <i>Brain Research</i> , 2007 , 1159, 124-33	3.7	31
133	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, 43-7	3.1	31

132	Agmatine enhances antidepressant potency of MK-801 and conventional antidepressants in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 130, 9-14	3.9	30
131	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	5.5	30
130	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	5.5	30
129	The activation of α -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
128	Behavioral effects and ChE measures after acute and repeated administration of malathion in rats. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 20, 443-9	5.8	30
127	Therapeutic potential of agmatine for CNS disorders. <i>Neurochemistry International</i> , 2017 , 108, 318-331	4.4	29
126	Ascorbic Acid to Manage Psychiatric Disorders. <i>CNS Drugs</i> , 2017 , 31, 571-583	6.7	29
125	Potential Role of Vitamin D for the Management of Depression and Anxiety. <i>CNS Drugs</i> , 2019 , 33, 619-637	6.7	29
124	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, 720-31	5	29
123	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, 122-7	3.4	29
122	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	5.3	29
121	Antioxidant and acetylcholinesterase response to repeated malathion exposure in rat cerebral cortex and hippocampus. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 102, 365-9	3.1	29
120	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
119	Creatine, similarly to ketamine, affords antidepressant-like effects in the tail suspension test via adenosine A ₁ and A _{2A} receptor activation. <i>Purinergic Signalling</i> , 2015 , 11, 215-27	3.8	28
118	Agmatine, a potential novel therapeutic strategy for depression. <i>European Neuropsychopharmacology</i> , 2016 , 26, 1885-1899	1.2	28
117	Sub-chronic agmatine treatment modulates hippocampal neuroplasticity and cell survival signaling pathways in mice. <i>Journal of Psychiatric Research</i> , 2014 , 58, 137-46	5.2	28
116	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
115	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

114	Contribution of spinal glutamatergic receptors to the antinociception caused by agmatine in mice. <i>Brain Research</i> , 2006 , 1093, 116-22	3.7	27
113	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
112	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, 21-7	5.3	26
111	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
110	Therapeutic Potential of Ursolic Acid to Manage Neurodegenerative and Psychiatric Diseases. <i>CNS Drugs</i> , 2017 , 31, 1029-1041	6.7	25
109	Antidepressant-like responses in the forced swimming test elicited by glutathione and redox modulation. <i>Behavioural Brain Research</i> , 2013 , 253, 165-72	3.4	25
108	Antinociceptive action of ethanolic extract obtained from roots of <i>Humirianthera ampla</i> Miers. <i>Journal of Ethnopharmacology</i> , 2007 , 114, 355-63	5	25
107	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	5.2	24
106	The antidepressant-like effect of chronic guanosine treatment is associated with increased hippocampal neuronal differentiation. <i>European Journal of Neuroscience</i> , 2016 , 43, 1006-15	3.5	24
105	Novel approaches for the management of depressive disorders. <i>European Journal of Pharmacology</i> , 2016 , 771, 236-40	5.3	23
104	Glutamatergic NMDA Receptor as Therapeutic Target for Depression. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016 , 103, 169-202	5.3	23
103	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	3.9	23
102	Nutritional strategies for dealing with depression. <i>Food and Function</i> , 2013 , 4, 1776-93	6.1	23
101	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
100	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
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