

Ana Lcia S Rodrigues

List of Publications by Year in Descending Order

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

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	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	5.5	1
238	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	1.2	0
237	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, 1597-9	7.9	0
236	Agmatine as a novel candidate for rapid-onset antidepressant response. <i>World Journal of Psychiatry</i> , 2021 , 11, 981-996	3	2
235	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	2.4	1
234	Antidepressant-like effect of guanosine involves activation of AMPA receptor and BDNF/TrkB signaling. <i>Purinergic Signalling</i> , 2021 , 17, 285-301	3.8	4
233	Guanine-Based Purines as an Innovative Target to Treat Major Depressive Disorder. <i>Frontiers in Pharmacology</i> , 2021 , 12, 652130	5.6	0
232	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	3.9	2
231	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	7.6	6
230	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	3.4	4
229	Physical exercise prevents amyloid β -induced disturbances in NLRP3 inflammasome pathway in the hippocampus of mice. <i>Metabolic Brain Disease</i> , 2021 , 36, 351-359	3.9	9
228	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	3.9	2
227	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	3.9	1
226	Dopaminergic Receptors as Neuroimmune Mediators in Experimental Autoimmune Encephalomyelitis. <i>Molecular Neurobiology</i> , 2021 , 58, 5971-5985	6.2	1
225	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	4.7	6
224	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	5.2	0
223	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	3.4	2

222	Functional role of ascorbic acid in the central nervous system: a focus on neurogenic and synaptogenic processes. <i>Nutritional Neuroscience</i> , 2021 , 1-11	3.6	1
221	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	5.5	5
220	Ascorbic acid as an antioxidant and applications to the central nervous system 2020 , 159-167		
219	Protective Effects of Agmatine Against Corticosterone-Induced Impairment on Hippocampal mTOR Signaling and Cell Death. <i>Neurotoxicity Research</i> , 2020 , 38, 319-329	4.3	4
218	Guanosine fast onset antidepressant-like effects in the olfactory bulbectomy mice model. <i>Scientific Reports</i> , 2020 , 10, 8429	4.9	10
217	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	3.9	4
216	Prophylactic effect of physical exercise on A β -induced depressive-like behavior and gut dysfunction in mice. <i>Behavioural Brain Research</i> , 2020 , 393, 112791	3.4	3
215	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	3.9	7
214	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	4.4	11
213	The role of vitamin C in stress-related disorders. <i>Journal of Nutritional Biochemistry</i> , 2020 , 85, 108459	6.3	20
212	Antidepressant-like and pro-neurogenic effects of physical exercise: the putative role of FNDC5/irisin pathway. <i>Journal of Neural Transmission</i> , 2020 , 127, 355-370	4.3	8
211	The involvement of GABAergic system in the antidepressant-like effect of agmatine. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 1931-1939	3.4	4
210	Vitamin E for the management of major depressive disorder: possible role of the anti-inflammatory and antioxidant systems. <i>Nutritional Neuroscience</i> , 2020 , 1-15	3.6	13
209	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	5	12
208	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	3.9	14
207	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	5.7	10
206	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	5.7	4
205	Multiple cellular targets involved in the antidepressant-like effect of glutathione. <i>Chemico-Biological Interactions</i> , 2020 , 328, 109195	5	2

204	The effect of voluntary wheel running on the antioxidant status is dependent on sociability conditions. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 198, 173018	3.9	1
203	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	3.4	8
202	Ascorbic acid presents rapid behavioral and hippocampal synaptic plasticity effects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 96, 109757	5.5	18
201	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	6.6	11
200	Potential Role of Vitamin D for the Management of Depression and Anxiety. <i>CNS Drugs</i> , 2019 , 33, 619-637	3.7	29
199	Prophylactic effect of physical exercise on Aβ-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	5.5	13
198	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
197	Depression in neurodegenerative diseases: Common mechanisms and current treatment options. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 102, 56-84	9	79
196	Novel Targets for Fast Antidepressant Responses: Possible Role of Endogenous Neuromodulators. <i>Chronic Stress</i> , 2019 , 3, 2470547019858083	3	12
195	Involvement of PI3K/Akt/GSK-3β signaling pathway in the antidepressant-like and neuroprotective effects of Morus nigra and its major phenolic, syringic acid. <i>Chemico-Biological Interactions</i> , 2019 , 314, 108843	5	16
194	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	3.9	8
193	Protective Effects of Ursolic Acid Against Cytotoxicity Induced by Corticosterone: Role of Protein Kinases. <i>Neurochemical Research</i> , 2019 , 44, 2843	4.6	7
192	Intracellular Signaling Pathways Implicated in the Pathophysiology of Depression 2019 , 97-109		2
191	The antidepressant-like effect of guanosine is dependent on GSK-3β inhibition and activation of MAPK/ERK and Nrf2/heme oxygenase-1 signaling pathways. <i>Purinergic Signalling</i> , 2019 , 15, 491-504	3.8	12
190	The possible beneficial effects of creatine for the management of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 89, 193-206	5.5	21
189	Levels of 25-hydroxyvitamin D, biochemical parameters and symptoms of depression and anxiety in healthy individuals. <i>Metabolic Brain Disease</i> , 2019 , 34, 527-535	3.9	7
188	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
187	Natural Polyphenols and Terpenoids for Depression Treatment: Current Status. <i>Studies in Natural Products Chemistry</i> , 2018 , 55, 181-221	1.5	7

186	Anxiolytic effects of ascorbic acid and ketamine in mice. <i>Journal of Psychiatric Research</i> , 2018 , 100, 16-23	5.2	34
185	Brain-Derived Neurotrophic Factor Prevents Depressive-Like Behaviors in Early-Symptomatic YAC128 Huntington's Disease Mice. <i>Molecular Neurobiology</i> , 2018 , 55, 7201-7215	6.2	8
184	Depression and peripheral inflammatory profile of patients with obesity. <i>Psychoneuroendocrinology</i> , 2018 , 91, 132-141	5	47
183	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	6.2	8
182	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
181	Subchronic administration of creatine produces antidepressant-like effect by modulating hippocampal signaling pathway mediated by FNDC5/BDNF/Akt in mice. <i>Journal of Psychiatric Research</i> , 2018 , 104, 78-87	5.2	7
180	Agmatine potentiates neuroprotective effects of subthreshold concentrations of ketamine via mTOR/S6 kinase signaling pathway. <i>Neurochemistry International</i> , 2018 , 118, 275-285	4.4	11
179	Antidepressant effects of creatine on amyloid β -treated mice: The role of GSK-3 β /Nrf pathway. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 86, 270-278	5.5	10
178	Locomotor Treadmill Training Promotes Soleus Trophism by Mammalian Target of Rapamycin Pathway in Paraplegic Rats. <i>Neurochemical Research</i> , 2018 , 43, 1258-1268	4.6	3
177	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	3.9	17
176	Involvement of Heme Oxygenase-1 in Neuropsychiatric and Neurodegenerative Diseases. <i>Current Pharmaceutical Design</i> , 2018 , 24, 2283-2302	3.3	17
175	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	3.4	9
174	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	4.6	15
173	Antidepressant Effects of Probulcol on Early-Symptomatic YAC128 Transgenic Mice for Huntington's Disease. <i>Neural Plasticity</i> , 2018 , 2018, 4056383	3.3	6
172	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
171	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
170	Evidence for the involvement of heme oxygenase-1 in the antidepressant-like effect of zinc. <i>Pharmacological Reports</i> , 2017 , 69, 497-503	3.9	8
169	NLRP3 inflammasome-driven pathways in depression: Clinical and preclinical findings. <i>Brain, Behavior, and Immunity</i> , 2017 , 64, 367-383	16.6	179

168	Therapeutic potential of agmatine for CNS disorders. <i>Neurochemistry International</i> , 2017 , 108, 318-331	4.4	29
167	Ursolic acid affords antidepressant-like effects in mice through the activation of PKA, PKC, CAMK-II and MEK1/2. <i>Pharmacological Reports</i> , 2017 , 69, 1240-1246	3.9	17
166	Ascorbic Acid to Manage Psychiatric Disorders. <i>CNS Drugs</i> , 2017 , 31, 571-583	6.7	29
165	Effects of physical exercise and social isolation on anxiety-related behaviors in two inbred rat strains. <i>Behavioural Processes</i> , 2017 , 142, 70-78	1.6	4
164	Signaling pathways underlying the antidepressant-like effect of inosine in mice. <i>Purinergic Signalling</i> , 2017 , 13, 203-214	3.8	20
163	Preventive and therapeutic potential of ascorbic acid in neurodegenerative diseases. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 921-929	6.8	40
162	Therapeutic Potential of Ursolic Acid to Manage Neurodegenerative and Psychiatric Diseases. <i>CNS Drugs</i> , 2017 , 31, 1029-1041	6.7	25
161	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	4.3	10
160	Antidepressant-like effect of pramipexole in an inflammatory model of depression. <i>Behavioural Brain Research</i> , 2017 , 320, 365-373	3.4	22
159	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
158	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
157	Atorvastatin Protects from A β -Induced Cell Damage and Depressive-Like Behavior via ProBDNF Cleavage. <i>Molecular Neurobiology</i> , 2017 , 54, 6163-6173	6.2	21
156	Effects of ascorbic acid on anxiety state and affect in a non-clinical sample. <i>Acta Neurobiologiae Experimentalis</i> , 2017 , 77, 362-372	1	7
155	Effects of ascorbic acid on anxiety state and affect in a non-clinical sample. <i>Acta Neurobiologiae Experimentalis</i> , 2017 , 77, 362-372	1	6
154	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
153	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
152	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	6.3	16
151	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

150	Agmatine, a potential novel therapeutic strategy for depression. <i>European Neuropsychopharmacology</i> , 2016 , 26, 1885-1899	1.2	28
149	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
148	Agmatine attenuates reserpine-induced oral dyskinesia in mice: Role of oxidative stress, nitric oxide and glutamate NMDA receptors. <i>Behavioural Brain Research</i> , 2016 , 312, 64-76	3.4	18
147	Creatine affords protection against glutamate-induced nitrosative and oxidative stress. <i>Neurochemistry International</i> , 2016 , 95, 4-14	4.4	20
146	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, 339-52	4.3	12
145	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
144	Novel approaches for the management of depressive disorders. <i>European Journal of Pharmacology</i> , 2016 , 771, 236-40	5.3	23
143	Guanosine and its role in neuropathologies. <i>Purinergic Signalling</i> , 2016 , 12, 411-26	3.8	48
142	Glutamatergic NMDA Receptor as Therapeutic Target for Depression. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016 , 103, 169-202	5.3	23
141	Current perspectives on the antidepressant-like effects of guanosine. <i>Neural Regeneration Research</i> , 2016 , 11, 1411-1413	4.5	4
140	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
139	Agmatine produces antidepressant-like effects by activating AMPA receptors and mTOR signaling. <i>European Neuropsychopharmacology</i> , 2016 , 26, 959-71	1.2	40
138	Is there an association between hypercholesterolemia and depression? Behavioral evidence from the LDLr(-/-) mouse experimental model. <i>Behavioural Brain Research</i> , 2016 , 311, 31-38	3.4	14
137	ISX-9 can potentiate cell proliferation and neuronal commitment in the rat dentate gyrus. <i>Neuroscience</i> , 2016 , 332, 212-22	3.9	8
136	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
135	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
134	Creatine, similarly to ketamine, affords antidepressant-like effects in the tail suspension test via adenosine A $_1$ and A $_2$ A receptor activation. <i>Purinergic Signalling</i> , 2015 , 11, 215-27	3.8	28
133	Thalidomide reduces mechanical hyperalgesia and depressive-like behavior induced by peripheral nerve crush in mice. <i>Neuroscience</i> , 2015 , 303, 51-8	3.9	17

132	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
131	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
130	Anxiolytic-like effects of ursolic acid in mice. <i>European Journal of Pharmacology</i> , 2015 , 758, 171-6	5.3	38
129	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	3.5	6
128	Agmatine induces Nrf2 and protects against corticosterone effects in hippocampal neuronal cell line. <i>Molecular Neurobiology</i> , 2015 , 51, 1504-19	6.2	44
127	mTOR signaling in the neuropathophysiology of depression: current evidence. <i>Journal of Receptor, Ligand and Channel Research</i> , 2015 , 65		2
126	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
125	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
124	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
123	NCS-1 deficiency causes anxiety and depressive-like behavior with impaired non-aversive memory in mice. <i>Physiology and Behavior</i> , 2014 , 130, 91-8	3.5	21
122	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
121	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
120	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, 746-54	2.6	8
119	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
118	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
117	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
116	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
115	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

114	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
113	Atorvastatin evokes a serotonergic system-dependent antidepressant-like effect in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 122, 253-60	3.9	15
112	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
111	Involvement of PKA, PKC, CAMK-II and MEK1/2 in the acute antidepressant-like effect of creatine in mice. <i>Pharmacological Reports</i> , 2014 , 66, 653-9	3.9	22
110	Role of agmatine in neurodegenerative diseases and epilepsy. <i>Frontiers in Bioscience - Elite</i> , 2014 , 6, 341-50	5.0	12
109	Antidepressant-like action of the bark ethanolic extract from <i>Tabebuia avellanedae</i> in the olfactory bulbectomized mice. <i>Journal of Ethnopharmacology</i> , 2013 , 145, 737-45	5	22
108	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
107	Antidepressant-like effect of 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	5.5	42
106	Nutritional strategies for dealing with depression. <i>Food and Function</i> , 2013 , 4, 1776-93	6.1	23
105	NMDA receptors and the L-arginine-nitric oxide-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, 1030-8	2.8	13
104	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, 61-9	3.9	28
103	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
102	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
101	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
100	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
99	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
98	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
97	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

96	Agmatine: clinical applications after 100 years in translation. <i>Drug Discovery Today</i> , 2013 , 18, 880-93	8.8	159
95	Nrf2 participates in depressive disorders through an anti-inflammatory mechanism. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2010-22	5	84
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