

João Quevedo

List of Publications by Year in descending order

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693
papers

27,025
citations

6613

79
h-index

19190

118
g-index

702
all docs

702
docs citations

702
times ranked

25572
citing authors

#	ARTICLE	IF	CITATIONS
1	Cannabidiol Reduces the Anxiety Induced by Simulated Public Speaking in Treatment-Naïve Social Phobia Patients. <i>Neuropsychopharmacology</i> , 2011, 36, 1219-1226.	5.4	585
2	Inflammatory markers in post-traumatic stress disorder: a systematic review, meta-analysis, and meta-regression. <i>Lancet Psychiatry</i> , 2015, 2, 1002-1012.	7.4	520
3	The role of inflammation and microglial activation in the pathophysiology of psychiatric disorders. <i>Neuroscience</i> , 2015, 300, 141-154.	2.3	496
4	Acute administration of ketamine induces antidepressant-like effects in the forced swimming test and increases BDNF levels in the rat hippocampus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 140-144.	4.8	377
5	Mitochondrial Dysfunction and Psychiatric Disorders. <i>Neurochemical Research</i> , 2009, 34, 1021-1029.	3.3	326
6	Sequential Role of Hippocampus and Amygdala, Entorhinal Cortex and Parietal Cortex in Formation and Retrieval of Memory for Inhibitory Avoidance in Rats. <i>European Journal of Neuroscience</i> , 1997, 9, 786-793.	2.6	281
7	Role of Hippocampal Signaling Pathways in Long-Term Memory Formation of a Nonassociative Learning Task in the Rat. <i>Learning and Memory</i> , 2000, 7, 333-340.	1.3	242
8	Peripheral brain-derived neurotrophic factor (BDNF) as a biomarker in bipolar disorder: a meta-analysis of 52 studies. <i>BMC Medicine</i> , 2015, 13, 289.	5.5	233
9	Effects of chronic mild stress on the oxidative parameters in the rat brain. <i>Neurochemistry International</i> , 2009, 54, 358-362.	3.8	217
10	Ketamine treatment reverses behavioral and physiological alterations induced by chronic mild stress in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 450-455.	4.8	214
11	Effects of mood stabilizers on hippocampus BDNF levels in an animal model of mania. <i>Life Sciences</i> , 2006, 79, 281-286.	4.3	211
12	Peripheral biomarkers and illness activity in bipolar disorder. <i>Journal of Psychiatric Research</i> , 2011, 45, 156-161.	3.1	208
13	Deep brain stimulation for treatment-resistant depression: an integrative review of preclinical and clinical findings and translational implications. <i>Molecular Psychiatry</i> , 2018, 23, 1094-1112.	7.9	204
14	Antidepressants, antimicrobials or both? Gut microbiota dysbiosis in depression and possible implications of the antimicrobial effects of antidepressant drugs for antidepressant effectiveness. <i>Journal of Affective Disorders</i> , 2017, 208, 22-32.	4.1	187
15	Animal models as tools to study the pathophysiology of depression. <i>Revista Brasileira De Psiquiatria</i> , 2013, 35, S112-S120.	1.7	184
16	Effects of lithium and valproate on amphetamine-induced oxidative stress generation in an animal model of mania. <i>Journal of Psychiatry and Neuroscience</i> , 2006, 31, 326-32.	2.4	176
17	Inhibition of mitochondrial respiratory chain in brain of rats subjected to an experimental model of depression. <i>Neurochemistry International</i> , 2008, 53, 395-400.	3.8	172
18	Oxidative variables in the rat brain after sepsis induced by cecal ligation and perforation. <i>Critical Care Medicine</i> , 2006, 34, 886-889.	0.9	167

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19	Kynurenine pathway dysfunction in the pathophysiology and treatment of depression: Evidences from animal and human studies. <i>Journal of Psychiatric Research</i> , 2015, 68, 316-328.	3.1	167
20	Two Time Windows of Anisomycin-Induced Amnesia for Inhibitory Avoidance Training in Rats: Protection from Amnesia by Pretraining but not Pre-exposure to the Task Apparatus. <i>Learning and Memory</i> , 1999, 6, 600-607.	1.3	162
21	Lipid peroxidation in hippocampus early and late after status epilepticus induced by pilocarpine or kainic acid in Wistar rats. <i>Neuroscience Letters</i> , 2000, 291, 179-182.	2.1	155
22	The role of mTOR in depression and antidepressant responses. <i>Life Sciences</i> , 2014, 101, 10-14.	4.3	152
23	Identifying a clinical signature of suicidality among patients with mood disorders: A pilot study using a machine learning approach. <i>Journal of Affective Disorders</i> , 2016, 193, 109-116.	4.1	152
24	Cannabidiol, a non-psychotropic plant-derived cannabinoid, decreases inflammation in a murine model of acute lung injury: Role for the adenosine A2A receptor. <i>European Journal of Pharmacology</i> , 2012, 678, 78-85.	3.5	151
25	The role of hippocampus in the pathophysiology of bipolar disorder. <i>Behavioural Pharmacology</i> , 2007, 18, 419-430.	1.7	149
26	The role of microglia activation in the development of sepsis-induced long-term cognitive impairment. <i>Brain, Behavior, and Immunity</i> , 2015, 43, 54-59.	4.1	148
27	Ketamine plus imipramine treatment induces antidepressant-like behavior and increases CREB and BDNF protein levels and PKA and PKC phosphorylation in rat brain. <i>Behavioural Brain Research</i> , 2011, 221, 166-171.	2.2	142
28	Psychiatric disorders and traumatic brain injury. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 797.	2.2	141
29	Brain Barrier Breakdown as a Cause and Consequence of Neuroinflammation in Sepsis. <i>Molecular Neurobiology</i> , 2018, 55, 1045-1053.	4.0	140
30	Cognitive impairment in sepsis survivors from cecal ligation and perforation*. <i>Critical Care Medicine</i> , 2005, 33, 221-223.	0.9	137
31	The kynurenine pathway in major depressive disorder, bipolar disorder, and schizophrenia: a meta-analysis of 101 studies. <i>Molecular Psychiatry</i> , 2021, 26, 4158-4178.	7.9	135
32	Oxidative stress after acute and sub-chronic malathion intoxication in Wistar rats. <i>Environmental Toxicology and Pharmacology</i> , 2007, 23, 198-204.	4.0	129
33	A systematic review of evidence for the role of inflammatory biomarkers in bipolar patients. <i>Journal of Psychiatric Research</i> , 2017, 92, 160-182.	3.1	129
34	Drugs acting upon the cyclic adenosine monophosphate/ protein kinase A signalling pathway modulate memory consolidation when given late after training into rat hippocampus but not amygdala. <i>Behavioural Pharmacology</i> , 1997, 8, 331-338.	1.7	124
35	Mitochondrial dysfunction in bipolar disorder: Evidence, pathophysiology and translational implications. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 694-713.	6.1	121
36	New perspectives on the involvement of mTOR in depression as well as in the action of antidepressant drugs. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 1280-1290.	2.4	121

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37	Increased oxidative stress in submitochondrial particles into the brain of rats submitted to the chronic mild stress paradigm. <i>Journal of Psychiatric Research</i> , 2009, 43, 864-869.	3.1	120
38	Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder. <i>Translational Psychiatry</i> , 2017, 7, 1283.	4.8	119
39	Gut microbiota—brain axis in depression: The role of neuroinflammation. <i>European Journal of Neuroscience</i> , 2021, 53, 222-235.	2.6	118
40	Ketamine impairs recognition memory consolidation and prevents learning-induced increase in hippocampal brain-derived neurotrophic factor levels. <i>Neuroscience</i> , 2010, 167, 969-973.	2.3	115
41	Food addiction: Prevalence, psychopathological correlates and associations with quality of life in a large sample. <i>Journal of Psychiatric Research</i> , 2018, 96, 145-152.	3.1	115
42	Impact of COVID-19 in the Mental Health in Elderly: Psychological and Biological Updates. <i>Molecular Neurobiology</i> , 2021, 58, 1905-1916.	4.0	115
43	Role of trophic factors GDNF, IGF-1 and VEGF in major depressive disorder: A comprehensive review of human studies. <i>Journal of Affective Disorders</i> , 2016, 197, 9-20.	4.1	113
44	Further evidence for the involvement of a hippocampal cGMP/cGMP-dependent protein kinase cascade in memory consolidation. <i>NeuroReport</i> , 1997, 8, 2221-2224.	1.2	109
45	Acute harmine administration induces antidepressive-like effects and increases BDNF levels in the rat hippocampus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1425-1430.	4.8	109
46	Physical training exerts neuroprotective effects in the regulation of neurochemical factors in an animal model of Parkinson's disease. <i>Neuroscience</i> , 2012, 227, 305-312.	2.3	109
47	A systemic toxicity index developed to assess peripheral changes in mood episodes. <i>Molecular Psychiatry</i> , 2010, 15, 784-786.	7.9	105
48	Increased oxidative stress and DNA damage in bipolar disorder: A twin-case report. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 283-285.	4.8	104
49	Antioxidant treatment prevented late memory impairment in an animal model of sepsis*. <i>Critical Care Medicine</i> , 2007, 35, 2186-2190.	0.9	103
50	Role of oxidative stress in the pathophysiology of bipolar disorder. <i>Neurochemical Research</i> , 2010, 35, 1295-1301.	3.3	102
51	Chronic Administration of Ketamine Elicits Antidepressant-Like Effects in Rats without Affecting Hippocampal Brain-Derived Neurotrophic Factor Protein Levels. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 502-506.	2.5	101
52	Effects of mood stabilizers on mitochondrial respiratory chain activity in brain of rats treated with d-amphetamine. <i>Journal of Psychiatric Research</i> , 2010, 44, 903-909.	3.1	101
53	The renin—angiotensin system: a possible new target for depression. <i>BMC Medicine</i> , 2017, 15, 144.	5.5	98
54	Haloperidol- and clozapine-induced oxidative stress in the rat brain. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 78, 751-756.	2.9	97

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55	Malathion-induced Oxidative Stress in Rat Brain Regions. <i>Neurochemical Research</i> , 2006, 31, 671-678.	3.3	97
56	Neurochemical and behavioural effects of acute and chronic memantine administration in rats: Further support for NMDA as a new pharmacological target for the treatment of depression?. <i>Brain Research Bulletin</i> , 2010, 81, 585-589.	3.0	97
57	Increased BDNF levels after electroconvulsive therapy in patients with major depressive disorder: A meta-analysis study. <i>Journal of Psychiatric Research</i> , 2016, 83, 47-53.	3.1	97
58	Deep brain stimulation of the medial forebrain bundle: Distinctive responses in resistant depression. <i>Journal of Affective Disorders</i> , 2016, 203, 143-151.	4.1	96
59	Haloperidol and clozapine, but not olanzapine, induces oxidative stress in rat brain. <i>Neuroscience Letters</i> , 2004, 372, 157-160.	2.1	95
60	Increased oxidative stress after repeated amphetamine exposure: possible relevance as a model of mania. <i>Bipolar Disorders</i> , 2006, 8, 275-280.	1.9	95
61	Receptor for advanced glycation end products mediates sepsis-triggered amyloid- β^2 accumulation, Tau phosphorylation, and cognitive impairment. <i>Journal of Biological Chemistry</i> , 2018, 293, 226-244.	3.4	94
62	Time-Dependent Impairment of Inhibitory Avoidance Retention in Rats by Posttraining Infusion of a Mitogen-Activated Protein Kinase Kinase Inhibitor into Cortical and Limbic Structures. <i>Neurobiology of Learning and Memory</i> , 2000, 73, 11-20.	1.9	93
63	Time-dependent behavioral recovery after sepsis in rats. <i>Intensive Care Medicine</i> , 2008, 34, 1724-1731.	8.2	93
64	Antidepressant-like effect of nitric oxide synthase inhibitors and sildenafil against lipopolysaccharide-induced depressive-like behavior in mice. <i>Neuroscience</i> , 2014, 268, 236-246.	2.3	93
65	Different sub-anesthetic doses of ketamine increase oxidative stress in the brain of rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1003-1008.	4.8	92
66	Cognitive Dysfunction Is Sustained after Rescue Therapy in Experimental Cerebral Malaria, and Is Reduced by Additive Antioxidant Therapy. <i>PLoS Pathogens</i> , 2010, 6, e1000963.	4.7	91
67	Matrix Metalloproteinase-2 and Metalloproteinase-9 Activities are Associated with Blood-Brain Barrier Dysfunction in an Animal Model of Severe Sepsis. <i>Molecular Neurobiology</i> , 2013, 48, 62-70.	4.0	91
68	Differential involvement of cortical receptor mechanisms in working, short-term and long-term memory. <i>Behavioural Pharmacology</i> , 1998, 9, 421-427.	1.7	90
69	Changes in Antioxidant Defense Enzymes after d-amphetamine Exposure: Implications as an Animal Model of Mania. <i>Neurochemical Research</i> , 2006, 31, 699-703.	3.3	90
70	Effects of mood stabilizers on hippocampus and amygdala BDNF levels in an animal model of mania induced by ouabain. <i>Journal of Psychiatric Research</i> , 2010, 44, 506-510.	3.1	88
71	Physical training prevents depressive symptoms and a decrease in brain-derived neurotrophic factor in Parkinson's disease. <i>Brain Research Bulletin</i> , 2014, 108, 106-112.	3.0	88
72	Methylphenidate treatment induces oxidative stress in young rat brain. <i>Brain Research</i> , 2006, 1078, 189-197.	2.2	87

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73	Maternal Deprivation Induces Depressive-like Behaviour and Alters Neurotrophin Levels in the Rat Brain. <i>Neurochemical Research</i> , 2011, 36, 460-466.	3.3	87
74	IL-1 β Involvement in Cognitive Impairment after Sepsis. <i>Molecular Neurobiology</i> , 2014, 49, 1069-1076.	4.0	87
75	Harmine and Imipramine Promote Antioxidant Activities in Prefrontal Cortex and Hippocampus. <i>Oxidative Medicine and Cellular Longevity</i> , 2010, 3, 325-331.	4.0	86
76	MAPK signaling correlates with the antidepressant effects of ketamine. <i>Journal of Psychiatric Research</i> , 2014, 55, 15-21.	3.1	86
77	Normal inhibitory avoidance learning and anxiety, but increased locomotor activity in mice devoid of PrPC. <i>Molecular Brain Research</i> , 1999, 71, 349-353.	2.3	85
78	Comparative pharmacological study of hydroethanol extracts of <i>Passiflora alata</i> and <i>Passiflora edulis</i> leaves. <i>Phytotherapy Research</i> , 2001, 15, 162-164.	5.8	85
79	Chronic administration of harmine elicits antidepressant-like effects and increases BDNF levels in rat hippocampus. <i>Journal of Neural Transmission</i> , 2010, 117, 1131-1137.	2.8	85
80	Increased serum glial cell line-derived neurotrophic factor immunoreactivity during manic and depressive episodes in individuals with bipolar disorder. <i>Neuroscience Letters</i> , 2006, 407, 146-150.	2.1	84
81	Effects of β -carboline harmine on behavioral and physiological parameters observed in the chronic mild stress model: Further evidence of antidepressant properties. <i>Brain Research Bulletin</i> , 2010, 81, 491-496.	3.0	84
82	Lithium and valproate modulate antioxidant enzymes and prevent ouabain-induced oxidative damage in an animal model of mania. <i>Journal of Psychiatric Research</i> , 2011, 45, 162-168.	3.1	84
83	Sodium butyrate and mood stabilizers block ouabain-induced hyperlocomotion and increase BDNF, NGF and GDNF levels in brain of Wistar rats. <i>Journal of Psychiatric Research</i> , 2015, 61, 114-121.	3.1	83
84	A longitudinal study on deep brain stimulation of the medial forebrain bundle for treatment-resistant depression. <i>Translational Psychiatry</i> , 2018, 8, 111.	4.8	83
85	Sodium Butyrate Prevents Memory Impairment by Re-establishing BDNF and GDNF Expression in Experimental Pneumococcal Meningitis. <i>Molecular Neurobiology</i> , 2015, 52, 734-740.	4.0	82
86	Inflammation biomarkers and delirium in critically ill patients. <i>Critical Care</i> , 2014, 18, R106.	5.8	79
87	Traffic of leukocytes and cytokine up-regulation in the central nervous system in sepsis. <i>Intensive Care Medicine</i> , 2011, 37, 711-718.	8.2	78
88	Late and prolonged post-training memory modulation in entorhinal and parietal cortex by drugs acting on the cAMP/protein kinase A signalling pathway. <i>Behavioural Pharmacology</i> , 1997, 8, 745-751.	1.7	77
89	Differential effects of emotional arousal in short- and long-term memory in healthy adults. <i>Neurobiology of Learning and Memory</i> , 2003, 79, 132-135.	1.9	76
90	Increased oxidative stress in submitochondrial particles after chronic amphetamine exposure. <i>Brain Research</i> , 2006, 1097, 224-229.	2.2	75

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91	Folic acid prevents depressive-like behavior and hippocampal antioxidant imbalance induced by restraint stress in mice. <i>Experimental Neurology</i> , 2013, 240, 112-121.	4.1	75
92	Screening for bipolar spectrum disorders: A comprehensive meta-analysis of accuracy studies. <i>Journal of Affective Disorders</i> , 2015, 172, 337-346.	4.1	75
93	Postmortem evidence of brain inflammatory markers in bipolar disorder: a systematic review. <i>Molecular Psychiatry</i> , 2020, 25, 94-113.	7.9	75
94	Intrahippocampal Infusion of the NMDA Receptor Antagonist AP5 Impairs Retention of an Inhibitory Avoidance Task: Protection from Impairment by Pretraining or Preexposure to the Task Apparatus. <i>Neurobiology of Learning and Memory</i> , 1998, 69, 87-91.	1.9	74
95	Protective effect of N-acetylcysteine and deferoxamine on carbon tetrachloride-induced acute hepatic failure in rats. <i>Critical Care Medicine</i> , 2004, 32, 2079-2083.	0.9	74
96	Antipsychotic-induced oxidative stress in Rat Brain. <i>Neurotoxicity Research</i> , 2008, 13, 63-69.	2.7	74
97	Mitochondrial respiratory chain and creatine kinase activities in rat brain after sepsis induced by cecal ligation and perforation. <i>Mitochondrion</i> , 2008, 8, 313-318.	3.4	74
98	Memantine treatment reverses anhedonia, normalizes corticosterone levels and increases BDNF levels in the prefrontal cortex induced by chronic mild stress in rats. <i>Metabolic Brain Disease</i> , 2012, 27, 175-182.	2.9	74
99	T helper 17 cells may drive neuroprogression in major depressive disorder: Proposal of an integrative model. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 64, 83-100.	6.1	74
100	Physical Exercise and Neuroinflammation in Major Depressive Disorder. <i>Molecular Neurobiology</i> , 2019, 56, 8323-8335.	4.0	74
101	Treatment with cannabidiol reverses oxidative stress parameters, cognitive impairment and mortality in rats submitted to sepsis by cecal ligation and puncture. <i>Brain Research</i> , 2010, 1348, 128-138.	2.2	72
102	Behavioral changes and mitochondrial dysfunction in a rat model of schizophrenia induced by ketamine. <i>Metabolic Brain Disease</i> , 2011, 26, 69-77.	2.9	72
103	Acute Brain Inflammation and Oxidative Damage Are Related to Long-Term Cognitive Deficits and Markers of Neurodegeneration in Sepsis-Survivor Rats. <i>Molecular Neurobiology</i> , 2014, 49, 380-385.	4.0	72
104	Mitochondrial Respiratory Dysfunction and Oxidative Stress after Chronic Malathion Exposure. <i>Neurochemical Research</i> , 2006, 31, 1021-1025.	3.3	71
105	Increased Oxidative Stress and Imbalance in Antioxidant Enzymes in the Brains of Alloxan-Induced Diabetic Rats. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-8.	3.8	71
106	Omega-3 prevents behavior response and brain oxidative damage in the ketamine model of schizophrenia. <i>Neuroscience</i> , 2014, 259, 223-231.	2.3	71
107	Peripheral vascular endothelial growth factor as a novel depression biomarker: A meta-analysis. <i>Psychoneuroendocrinology</i> , 2015, 62, 18-26.	2.7	70
108	Protein synthesis, PKA, and MAP kinase are differentially involved in short- and long-term memory in rats. <i>Behavioural Brain Research</i> , 2004, 154, 339-343.	2.2	69

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109	Brain-derived neurotrophic factor and neuron-specific enolase, but not S100 β , levels are associated to the occurrence of delirium in intensive care unit patients. <i>Journal of Critical Care</i> , 2011, 26, 133-137.	2.2	69
110	Long-Term Cognitive Outcomes After Sepsis: a Translational Systematic Review. <i>Molecular Neurobiology</i> , 2019, 56, 186-251.	4.0	69
111	Molecular mechanisms mediating gastrin-releasing peptide receptor modulation of memory consolidation in the hippocampus. <i>Neuropharmacology</i> , 2006, 51, 350-357.	4.1	68
112	Mitochondria and the central nervous system: searching for a pathophysiological basis of psychiatric disorders. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 156-167.	1.7	68
113	Differential involvement of hippocampal and amygdalar NMDA receptors in contextual and aversive aspects of inhibitory avoidance memory in rats. <i>Brain Research</i> , 2003, 975, 207-213.	2.2	67
114	The Aqueous Extracts of <i>Passiflora alata</i> and <i>Passiflora edulis</i> Reduce Anxiety-Related Behaviors Without Affecting Memory Process in Rats. <i>Journal of Medicinal Food</i> , 2008, 11, 282-288.	1.5	67
115	Lithium and valproate prevent olfactory discrimination and short-term memory impairments in the intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) rat model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2012, 229, 208-215.	2.2	67
116	Sodium Butyrate Functions as an Antidepressant and Improves Cognition with Enhanced Neurotrophic Expression in Models of Maternal Deprivation and Chronic Mild Stress. <i>Current Neurovascular Research</i> , 2014, 11, 359-366.	1.1	67
117	Animal model of mania induced by ouabain: Evidence of oxidative stress in submitochondrial particles of the rat brain. <i>Neurochemistry International</i> , 2009, 55, 491-495.	3.8	66
118	Effects of cannabidiol on amphetamine-induced oxidative stress generation in an animal model of mania. <i>Journal of Psychopharmacology</i> , 2011, 25, 274-280.	4.0	66
119	The Septic Brain. <i>Neurochemical Research</i> , 2008, 33, 2171-2177.	3.3	65
120	Serum Heat Shock Protein 70 Levels, Oxidant Status, and Mortality in Sepsis. <i>Shock</i> , 2011, 35, 466-470.	2.1	65
121	Behavioral and neurochemical effects of sodium butyrate in an animal model of mania. <i>Behavioural Pharmacology</i> , 2011, 22, 766-772.	1.7	65
122	DNA damage in rats after treatment with methylphenidate. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1282-1288.	4.8	64
123	A single dose of α -ketamine induces long-term antidepressant effects and decreases oxidative stress in adulthood rats following maternal deprivation. <i>Developmental Neurobiology</i> , 2015, 75, 1268-1281.	3.0	64
124	Accelerated aging in bipolar disorder: A comprehensive review of molecular findings and their clinical implications. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 107-116.	6.1	64
125	Ketamine and imipramine in the nucleus accumbens regulate histone deacetylation induced by maternal deprivation and are critical for associated behaviors. <i>Behavioural Brain Research</i> , 2013, 256, 451-456.	2.2	63
126	Imipramine reverses alterations in cytokines and BDNF levels induced by maternal deprivation in adult rats. <i>Behavioural Brain Research</i> , 2013, 242, 40-46.	2.2	63

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127	Administration of cannabidiol and imipramine induces antidepressant-like effects in the forced swimming test and increases brain-derived neurotrophic factor levels in the rat amygdala. <i>Acta Neuropsychiatrica</i> , 2011, 23, 241-248.	2.1	62
128	Perturbations in the apoptotic pathway and mitochondrial network dynamics in peripheral blood mononuclear cells from bipolar disorder patients. <i>Translational Psychiatry</i> , 2017, 7, e1111-e1111.	4.8	62
129	Effects of mood stabilizers on DNA damage in an animal model of mania. <i>Journal of Psychiatry and Neuroscience</i> , 2008, 33, 516-24.	2.4	62
130	Effects of post-training infusions of a mitogen-activated protein kinase kinase inhibitor into the hippocampus or entorhinal cortex on short- and long-term retention of inhibitory avoidance. <i>Behavioural Pharmacology</i> , 1999, 10, 723-730.	1.7	61
131	Cannabidiol reduces host immune response and prevents cognitive impairments in Wistar rats submitted to pneumococcal meningitis. <i>European Journal of Pharmacology</i> , 2012, 697, 158-164.	3.5	61
132	Protective effects of guanosine against sepsis-induced damage in rat brain and cognitive impairment. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 904-910.	4.1	61
133	Neonatal Immune Challenge with Lipopolysaccharide Triggers Long-lasting Sex- and Age-related Behavioral and Immune/Neurotrophic Alterations in Mice: Relevance to Autism Spectrum Disorders. <i>Molecular Neurobiology</i> , 2018, 55, 3775-3788.	4.0	61
134	Lithium ameliorates sleep deprivation-induced mania-like behavior, hypothalamic-pituitary-adrenal (HPA) axis alterations, oxidative stress and elevations of cytokine concentrations in the brain and serum of mice. <i>Bipolar Disorders</i> , 2017, 19, 246-258.	1.9	61
135	The Role of Mitochondria in Mood Disorders: From Physiology to Pathophysiology and to Treatment. <i>Frontiers in Psychiatry</i> , 2021, 12, 546801.	2.6	61
136	Early life experience contributes to the developmental programming of depressive-like behaviour, neuroinflammation and oxidative stress. <i>Journal of Psychiatric Research</i> , 2017, 95, 196-207.	3.1	60
137	The Anti-Inflammatory Role of Minocycline in Alzheimers Disease. <i>Current Alzheimer Research</i> , 2016, 13, 1319-1329.	1.4	60
138	Oxidative Mechanisms of Brain Dysfunction During Sepsis. <i>Neurochemical Research</i> , 2010, 35, 1-12.	3.3	59
139	Neurodevelopmental pathways in bipolar disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 213-226.	6.1	59
140	Lipid peroxidative damage on malathion exposure in rats. <i>Neurotoxicity Research</i> , 2006, 9, 23-28.	2.7	58
141	Contributions of animal models to the study of mood disorders. <i>Revista Brasileira De Psiquiatria</i> , 2013, 35, S121-S131.	1.7	58
142	The role of NMDA receptor in neurobiology and treatment of major depressive disorder: Evidence from translational research. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109668.	4.8	58
143	TSPO upregulation in bipolar disorder and concomitant downregulation of mitophagic proteins and NLRP3 inflammasome activation. <i>Neuropsychopharmacology</i> , 2019, 44, 1291-1299.	5.4	58
144	Neonatal iron exposure induces oxidative stress in adult Wistar rat. <i>Developmental Brain Research</i> , 2001, 130, 109-114.	1.7	57

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145	Neuropeptide S produces hyperlocomotion and prevents oxidative stress damage in the mouse brain: A comparative study with amphetamine and diazepam. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 91, 636-642.	2.9	57
146	Effects of long-term ovariectomy on anxiety and behavioral despair in rats. <i>Physiology and Behavior</i> , 2009, 97, 420-425.	2.1	57
147	Epigenetic and epistatic interactions between serotonin transporter and brain-derived neurotrophic factor genetic polymorphism: Insights in depression. <i>Neuroscience</i> , 2014, 275, 455-468.	2.3	57
148	CD40-CD40 Ligand Pathway Is a Major Component of Acute Neuroinflammation and Contributes to Long-term Cognitive Dysfunction after Sepsis. <i>Molecular Medicine</i> , 2015, 21, 219-226.	4.4	57
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