

João Quevedo

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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.

660

papers

21,109

citations

72

h-index

105

g-index

702

ext. papers

24,303

ext. citations

4.6

avg. IF

6.88

L-index

#	Paper	IF	Citations
660	Cannabidiol reduces the anxiety induced by simulated public speaking in treatment-naïve social phobia patients. <i>Neuropsychopharmacology</i> , 2011 , 36, 1219-26	8.7	417
659	The role of inflammation and microglial activation in the pathophysiology of psychiatric disorders. <i>Neuroscience</i> , 2015 , 300, 141-54	3.9	376
658	Inflammatory markers in post-traumatic stress disorder: a systematic review, meta-analysis, and meta-regression. <i>Lancet Psychiatry</i> , 2015 , 2, 1002-12	23.3	367
657	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, 140-4	5.5	321
656	Mitochondrial dysfunction and psychiatric disorders. <i>Neurochemical Research</i> , 2009 , 34, 1021-9	4.6	283
655	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, 786-93	3.5	240
654	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, 333-40	2.8	209
653	Effects of chronic mild stress on the oxidative parameters in the rat brain. <i>Neurochemistry International</i> , 2009 , 54, 358-62	4.4	196
652	Effects of mood stabilizers on hippocampus BDNF levels in an animal model of mania. <i>Life Sciences</i> , 2006 , 79, 281-6	6.8	191
651	Peripheral biomarkers and illness activity in bipolar disorder. <i>Journal of Psychiatric Research</i> , 2011 , 45, 156-61	5.2	184
650	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	11.4	176
649	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, 450-5	5.5	171
648	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	4.5	168
647	Inhibition of mitochondrial respiratory chain in brain of rats subjected to an experimental model of depression. <i>Neurochemistry International</i> , 2008 , 53, 395-400	4.4	155
646	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, 600-7	2.8	148
645	Oxidative variables in the rat brain after sepsis induced by cecal ligation and perforation. <i>Critical Care Medicine</i> , 2006 , 34, 886-9	1.4	146
644	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, 179-82	3.3	137

643	Animal models as tools to study the pathophysiology of depression. <i>Revista Brasileira De Psiquiatria</i> , 2013 , 35 Suppl 2, S112-20	2.6	135
642	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, 166-71	3.4	128
641	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	6.6	127
640	Kynurenine pathway dysfunction in the pathophysiology and treatment of depression: Evidences from animal and human studies. <i>Journal of Psychiatric Research</i> , 2015 , 68, 316-28	5.2	127
639	Cognitive impairment in sepsis survivors from cecal ligation and perforation. <i>Critical Care Medicine</i> , 2005 , 33, 221-3; discussion 262-3	1.4	121
638	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, 109-16	6.6	120
637	The role of hippocampus in the pathophysiology of bipolar disorder. <i>Behavioural Pharmacology</i> , 2007 , 18, 419-30	2.4	120
636	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, 331-8	2.4	116
635	The role of mTOR in depression and antidepressant responses. <i>Life Sciences</i> , 2014 , 101, 10-4	6.8	115
634	Cannabidiol, a non-psychotropic plant-derived cannabinoid, decreases inflammation in a murine model of acute lung injury: role for the adenosine A(2A) receptor. <i>European Journal of Pharmacology</i> , 2012 , 678, 78-85	5.3	110
633	Further evidence for the involvement of a hippocampal cGMP/cGMP-dependent protein kinase cascade in memory consolidation. <i>NeuroReport</i> , 1997 , 8, 2221-4	1.7	107
632	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	15.1	106
631	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, 864-9	5.2	105
630	Oxidative stress after acute and sub-chronic malathion intoxication in Wistar rats. <i>Environmental Toxicology and Pharmacology</i> , 2007 , 23, 198-204	5.8	105
629	The role of microglia activation in the development of sepsis-induced long-term cognitive impairment. <i>Brain, Behavior, and Immunity</i> , 2015 , 43, 54-9	16.6	104
628	A systemic toxicity index developed to assess peripheral changes in mood episodes. <i>Molecular Psychiatry</i> , 2010 , 15, 784-6	15.1	98
627	A systematic review of evidence for the role of inflammatory biomarkers in bipolar patients. <i>Journal of Psychiatric Research</i> , 2017 , 92, 160-182	5.2	95
626	Physical training exerts neuroprotective effects in the regulation of neurochemical factors in an animal model of Parkinson's disease. <i>Neuroscience</i> , 2012 , 227, 305-12	3.9	93

625	Increased oxidative stress and DNA damage in bipolar disorder: a twin-case report. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 283-5	5.5	93
624	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, 903-9	5.2	92
623	Increased oxidative stress after repeated amphetamine exposure: possible relevance as a model of mania. <i>Bipolar Disorders</i> , 2006 , 8, 275-80	3.8	92
622	Mitochondrial dysfunction in bipolar disorder: Evidence, pathophysiology and translational implications. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 694-713	9	91
621	Ketamine impairs recognition memory consolidation and prevents learning-induced increase in hippocampal brain-derived neurotrophic factor levels. <i>Neuroscience</i> , 2010 , 167, 969-73	3.9	90
620	Antioxidant treatment prevented late memory impairment in an animal model of sepsis. <i>Critical Care Medicine</i> , 2007 , 35, 2186-90	1.4	90
619	Psychiatric disorders and traumatic brain injury. <i>Neuropsychiatric Disease and Treatment</i> , 2008 , 4, 797-816	9.1	89
618	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	5.2	88
617	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, 502-6	3.1	88
616	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	6.6	87
615	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, 585-9	3.9	87
614	Role of oxidative stress in the pathophysiology of bipolar disorder. <i>Neurochemical Research</i> , 2010 , 35, 1295-301	4.6	87
613	Haloperidol and clozapine, but not olanzapine, induces oxidative stress in rat brain. <i>Neuroscience Letters</i> , 2004 , 372, 157-60	3.3	87
612	Brain Barrier Breakdown as a Cause and Consequence of Neuroinflammation in Sepsis. <i>Molecular Neurobiology</i> , 2018 , 55, 1045-1053	6.2	85
611	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, 1425-30	5.5	84
610	Changes in antioxidant defense enzymes after d-amphetamine exposure: implications as an animal model of mania. <i>Neurochemical Research</i> , 2006 , 31, 699-703	4.6	84
609	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	3.1	84
608	Antidepressant-like effect of nitric oxide synthase inhibitors and sildenafil against lipopolysaccharide-induced depressive-like behavior in mice. <i>Neuroscience</i> , 2014 , 268, 236-46	3.9	83

607	Haloperidol- and clozapine-induced oxidative stress in the rat brain. <i>Pharmacology Biochemistry and Behavior</i> , 2004 , 78, 751-6	3.9	83
606	Malathion-induced oxidative stress in rat brain regions. <i>Neurochemical Research</i> , 2006 , 31, 671-8	4.6	82
605	Time-dependent behavioral recovery after sepsis in rats. <i>Intensive Care Medicine</i> , 2008 , 34, 1724-31	14.5	80
604	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	3.8	80
603	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	7.6	79
602	Methylphenidate treatment induces oxidative stress in young rat brain. <i>Brain Research</i> , 2006 , 1078, 189-97	3.7	79
601	Differential involvement of cortical receptor mechanisms in working, short-term and long-term memory. <i>Behavioural Pharmacology</i> , 1998 , 9, 421-7	2.4	79
600	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, 1003-8	5.5	78
599	Celebrating the 80th anniversary of electroconvulsive therapy. <i>Revista Brasileira De Psiquiatria</i> , 2019 , 41, 7-8	2.6	78
598	Unveiling the neurobiology of learning and memory: the lifetime accomplishments of Ivan Izquierdo (1937-2021). <i>Revista Brasileira De Psiquiatria</i> , 2021 , 43, 353-354	2.6	78
597	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, 506-10	5.2	76
596	Increased serum glial cell line-derived neurotrophic factor immunocontent during manic and depressive episodes in individuals with bipolar disorder. <i>Neuroscience Letters</i> , 2006 , 407, 146-50	3.3	76
595	IL1- β involvement in cognitive impairment after sepsis. <i>Molecular Neurobiology</i> , 2014 , 49, 1069-76	6.2	75
594	MAPK signaling correlates with the antidepressant effects of ketamine. <i>Journal of Psychiatric Research</i> , 2014 , 55, 15-21	5.2	74
593	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	6.2	74
592	Normal inhibitory avoidance learning and anxiety, but increased locomotor activity in mice devoid of PrP(C). <i>Molecular Brain Research</i> , 1999 , 71, 349-53		74
591	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	5.2	73
590	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, 162-8	5.2	73

589	Comparative pharmacological study of hydroethanol extracts of <i>Passiflora alata</i> and <i>Passiflora edulis</i> leaves. <i>Phytotherapy Research</i> , 2001 , 15, 162-4	6.7	73
588	Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder. <i>Translational Psychiatry</i> , 2017 , 7, 1283	8.6	72
587	Maternal deprivation induces depressive-like behaviour and alters neurotrophin levels in the rat brain. <i>Neurochemical Research</i> , 2011 , 36, 460-6	4.6	72
586	Harmine and imipramine promote antioxidant activities in prefrontal cortex and hippocampus. <i>Oxidative Medicine and Cellular Longevity</i> , 2010 , 3, 325-31	6.7	72
585	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, 745-51	2.4	72
584	Increased oxidative stress in submitochondrial particles after chronic amphetamine exposure. <i>Brain Research</i> , 2006 , 1097, 224-9	3.7	72
583	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	3.1	71
582	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, 175-82	3.9	68
581	Protective effect of N-acetylcysteine and deferoxamine on carbon tetrachloride-induced acute hepatic failure in rats. <i>Critical Care Medicine</i> , 2004 , 32, 2079-83	1.4	68
580	Physical training prevents depressive symptoms and a decrease in brain-derived neurotrophic factor in Parkinson's disease. <i>Brain Research Bulletin</i> , 2014 , 108, 106-12	3.9	67
579	Differential effects of emotional arousal in short- and long-term memory in healthy adults. <i>Neurobiology of Learning and Memory</i> , 2003 , 79, 132-5	3.1	67
578	Deep brain stimulation of the medial forebrain bundle: Distinctive responses in resistant depression. <i>Journal of Affective Disorders</i> , 2016 , 203, 143-151	6.6	66
577	Effects of beta-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, 491-6	3.9	66
576	The renin-angiotensin system: a possible new target for depression. <i>BMC Medicine</i> , 2017 , 15, 144	11.4	65
575	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
574	Behavioral changes and mitochondrial dysfunction in a rat model of schizophrenia induced by ketamine. <i>Metabolic Brain Disease</i> , 2011 , 26, 69-77	3.9	65
573	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, 207-13	3.7	65
572	Receptor for advanced glycation end products mediates sepsis-triggered amyloid- β accumulation, Tau phosphorylation, and cognitive impairment. <i>Journal of Biological Chemistry</i> , 2018 , 293, 226-244	5.4	65

571	Protein synthesis, PKA, and MAP kinase are differentially involved in short- and long-term memory in rats. <i>Behavioural Brain Research</i> , 2004 , 154, 339-43	3.4	64
570	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	9	63
569	Antipsychotic-induced oxidative stress in rat brain. <i>Neurotoxicity Research</i> , 2008 , 13, 63-9	4.3	63
568	Molecular mechanisms mediating gastrin-releasing peptide receptor modulation of memory consolidation in the hippocampus. <i>Neuropharmacology</i> , 2006 , 51, 350-7	5.5	63
567	Mitochondrial respiratory chain and creatine kinase activities in rat brain after sepsis induced by cecal ligation and perforation. <i>Mitochondrion</i> , 2008 , 8, 313-8	4.9	62
566	Inflammation biomarkers and delirium in critically ill patients. <i>Critical Care</i> , 2014 , 18, R106	10.8	61
565	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, 128-38	3.7	61
564	Animal model of mania induced by ouabain: Evidence of oxidative stress in submitochondrial particles of the rat brain. <i>Neurochemistry International</i> , 2009 , 55, 491-5	4.4	60
563	Chronic administration of harmine elicits antidepressant-like effects and increases BDNF levels in rat hippocampus. <i>Journal of Neural Transmission</i> , 2010 , 117, 1131-7	4.3	60
562	Mitochondrial respiratory dysfunction and oxidative stress after chronic malathion exposure. <i>Neurochemical Research</i> , 2006 , 31, 1021-5	4.6	60
561	Peripheral vascular endothelial growth factor as a novel depression biomarker: A meta-analysis. <i>Psychoneuroendocrinology</i> , 2015 , 62, 18-26	5	59
560	Traffic of leukocytes and cytokine up-regulation in the central nervous system in sepsis. <i>Intensive Care Medicine</i> , 2011 , 37, 711-8	14.5	59
559	DNA damage in rats after treatment with methylphenidate. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 1282-8	5.5	59
558	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, 380-5	6.2	58
557	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, 208-15	3.4	58
556	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, 133-7	4	58
555	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, 282-8	2.8	58
554	Effects of mood stabilizers on DNA damage in an animal model of mania. <i>Journal of Psychiatry and Neuroscience</i> , 2008 , 33, 516-24	4.5	58

553	Serum heat shock protein 70 levels, oxidant status, and mortality in sepsis. <i>Shock</i> , 2011 , 35, 466-70	3.4	57
552	Mitochondria and the central nervous system: searching for a pathophysiological basis of psychiatric disorders. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 156-67	2.6	56
551	Behavioral and neurochemical effects of sodium butyrate in an animal model of mania. <i>Behavioural Pharmacology</i> , 2011 , 22, 766-72	2.4	56
550	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, 114-21	5.2	55
549	Lipid peroxidative damage on malathion exposure in rats. <i>Neurotoxicity Research</i> , 2006 , 9, 23-8	4.3	54
548	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, 723-30	2.4	54
547	Gut microbiota-brain axis in depression: The role of neuroinflammation. <i>European Journal of Neuroscience</i> , 2021 , 53, 222-235	3.5	54
546	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, 451-6	3.4	53
545	Omega-3 prevents behavior response and brain oxidative damage in the ketamine model of schizophrenia. <i>Neuroscience</i> , 2014 , 259, 223-31	3.9	53
544	Increased oxidative stress and imbalance in antioxidant enzymes in the brains of alloxan-induced diabetic rats. <i>Experimental Diabetes Research</i> , 2012 , 2012, 302682		53
543	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	15.1	52
542	Screening for bipolar spectrum disorders: A comprehensive meta-analysis of accuracy studies. <i>Journal of Affective Disorders</i> , 2015 , 172, 337-46	6.6	51
541	Imipramine reverses alterations in cytokines and BDNF levels induced by maternal deprivation in adult rats. <i>Behavioural Brain Research</i> , 2013 , 242, 40-6	3.4	51
540	A single dose of S-ketamine induces long-term antidepressant effects and decreases oxidative stress in adulthood rats following maternal deprivation. <i>Developmental Neurobiology</i> , 2015 , 75, 1268-81 ^{3.2}		50
539	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, 636-42	3.9	50
538	Oxidative mechanisms of brain dysfunction during sepsis. <i>Neurochemical Research</i> , 2010 , 35, 1-12	4.6	50
537	Effects of lithium and valproate on serum and hippocampal neurotrophin-3 levels in an animal model of mania. <i>Journal of Psychiatric Research</i> , 2008 , 42, 416-21	5.2	50
536	The septic brain. <i>Neurochemical Research</i> , 2008 , 33, 2171-7	4.6	50

535	Chronic administration of methylphenidate activates mitochondrial respiratory chain in brain of young rats. <i>International Journal of Developmental Neuroscience</i> , 2007 , 25, 47-51	2.7	50
534	L-type voltage-dependent calcium channel blocker nifedipine enhances memory retention when infused into the hippocampus. <i>Neurobiology of Learning and Memory</i> , 1998 , 69, 320-5	3.1	50
533	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, 359-66	1.8	50
532	Brain creatine kinase activity in an animal model of mania. <i>Life Sciences</i> , 2008 , 82, 424-9	6.8	49
531	Postmortem evidence of brain inflammatory markers in bipolar disorder: a systematic review. <i>Molecular Psychiatry</i> , 2020 , 25, 94-113	15.1	49
530	Cannabidiol reduces host immune response and prevents cognitive impairments in Wistar rats submitted to pneumococcal meningitis. <i>European Journal of Pharmacology</i> , 2012 , 697, 158-64	5.3	48
529	Protective effects of guanosine against sepsis-induced damage in rat brain and cognitive impairment. <i>Brain, Behavior, and Immunity</i> , 2012 , 26, 904-10	16.6	48
528	Effects of cannabidiol on amphetamine-induced oxidative stress generation in an animal model of mania. <i>Journal of Psychopharmacology</i> , 2011 , 25, 274-80	4.6	48
527	Effects of long-term ovariectomy on anxiety and behavioral despair in rats. <i>Physiology and Behavior</i> , 2009 , 97, 420-5	3.5	48
526	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	3.8	47
525	Alterations in inflammatory mediators, oxidative stress parameters and energetic metabolism in the brain of sepsis survivor rats. <i>Neurochemical Research</i> , 2011 , 36, 304-11	4.6	47
524	TNF-alpha, IL-1beta, IL-6, and cinc-1 levels in rat brain after meningitis induced by Streptococcus pneumoniae. <i>Journal of Neuroimmunology</i> , 2010 , 221, 42-5	3.5	47
523	The potential association between obesity and bipolar disorder: A meta-analysis. <i>Journal of Affective Disorders</i> , 2016 , 202, 120-3	6.6	47
522	Sodium Butyrate Prevents Memory Impairment by Re-establishing BDNF and GDNF Expression in Experimental Pneumococcal Meningitis. <i>Molecular Neurobiology</i> , 2015 , 52, 734-40	6.2	46
521	Ketamine ameliorates depressive-like behaviors and immune alterations in adult rats following maternal deprivation. <i>Neuroscience Letters</i> , 2015 , 584, 83-7	3.3	46
520	Epigenetic and epistatic interactions between serotonin transporter and brain-derived neurotrophic factor genetic polymorphism: insights in depression. <i>Neuroscience</i> , 2014 , 275, 455-68	3.9	46
519	Lithium and valproate modulate energy metabolism in an animal model of mania induced by methamphetamine. <i>Pharmacology Biochemistry and Behavior</i> , 2013 , 103, 589-96	3.9	46
518	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, 219-26	6.2	46

517	Contributions of animal models to the study of mood disorders. <i>Revista Brasileira De Psiquiatria</i> , 2013 , 35 Suppl 2, S121-31	2.6	46
516	Neonatal iron exposure induces oxidative stress in adult Wistar rat. <i>Developmental Brain Research</i> , 2001 , 130, 109-14		46
515	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	5.2	45
514	Acute administration of ketamine reverses the inhibition of mitochondrial respiratory chain induced by chronic mild stress. <i>Brain Research Bulletin</i> , 2009 , 79, 418-21	3.9	45
513	Long-Term Cognitive Outcomes After Sepsis: a Translational Systematic Review. <i>Molecular Neurobiology</i> , 2019 , 56, 186-251	6.2	45
512	Physical Exercise and Neuroinflammation in Major Depressive Disorder. <i>Molecular Neurobiology</i> , 2019 , 56, 8323-8335	6.2	44
511	Bias in Peripheral Depression Biomarkers. <i>Psychotherapy and Psychosomatics</i> , 2016 , 85, 81-90	9.4	44
510	Dose-dependent impairment of inhibitory avoidance retention in rats by immediate post-training infusion of a mitogen-activated protein kinase kinase inhibitor into cortical structures. <i>Behavioural Brain Research</i> , 1999 , 105, 219-23	3.4	44
509	The role of DNA methylation in the pathophysiology and treatment of bipolar disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 474-488	9	43
508	Sensitization and cross-sensitization after chronic treatment with methylphenidate in adolescent Wistar rats. <i>Behavioural Pharmacology</i> , 2007 , 18, 205-12	2.4	43
507	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	8.6	42
506	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	6.2	42
505	A longitudinal study on deep brain stimulation of the medial forebrain bundle for treatment-resistant depression. <i>Translational Psychiatry</i> , 2018 , 8, 111	8.6	42
504	Effects of alpha-lipoic acid in an animal model of mania induced by D-amphetamine. <i>Bipolar Disorders</i> , 2012 , 14, 707-18	3.8	42
503	Memory-enhancing treatments do not reverse the impairment of inhibitory avoidance retention induced by NMDA receptor blockade. <i>Neurobiology of Learning and Memory</i> , 1999 , 72, 252-8	3.1	42
502	Behavioral deficits in sepsis-surviving rats induced by cecal ligation and perforation. <i>Brazilian Journal of Medical and Biological Research</i> , 2007 , 40, 831-7	2.8	42
501	The Anti-Inflammatory Role of Minocycline in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2016 , 13, 1319-1329	3	42
500	Increased prevalence of mood disorders and suicidal ideation in type 2 diabetic patients. <i>Acta Diabetologica</i> , 2012 , 49 Suppl 1, S227-34	3.9	41

499	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, 241-8	3.9	41
498	Effects of lithium and valproate on hippocampus citrate synthase activity in an animal model of mania. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 887-91	5.5	41
497	Bias in emerging biomarkers for bipolar disorder. <i>Psychological Medicine</i> , 2016 , 46, 2287-97	6.9	41
496	Caspase-3 mediates in part hippocampal apoptosis in sepsis. <i>Molecular Neurobiology</i> , 2013 , 47, 394-8	6.2	39
495	Anxiety-like behavior and proinflammatory cytokine levels in the brain of C57BL/6 mice infected with <i>Plasmodium berghei</i> (strain ANKA). <i>Neuroscience Letters</i> , 2011 , 491, 202-6	3.3	39
494	Oxidative stress in brain according to traumatic brain injury intensity. <i>Journal of Surgical Research</i> , 2010 , 164, 316-20	2.5	39
493	Role of Protein Kinase C in Bipolar Disorder: A Review of the Current Literature. <i>Molecular Neuropsychiatry</i> , 2017 , 3, 108-124	4.9	38
492	Chronic mild stress paradigm reduces sweet food intake in rats without affecting brain derived neurotrophic factor protein levels. <i>Current Neurovascular Research</i> , 2008 , 5, 207-13	1.8	38
491	The miRNome of bipolar disorder. <i>Journal of Affective Disorders</i> , 2018 , 233, 110-116	6.6	37
490	Lithium and tamoxifen modulate cellular plasticity cascades in animal model of mania. <i>Journal of Psychopharmacology</i> , 2012 , 26, 1594-604	4.6	37
489	Effect of N-acetylcysteine and/or deferoxamine on oxidative stress and hyperactivity in an animal model of mania. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 1064-8	5.5	37
488	Lithium increases nerve growth factor levels in the rat hippocampus in an animal model of mania. <i>Behavioural Pharmacology</i> , 2006 , 17, 311-8	2.4	37
487	Role of Microglial Activation in the Pathophysiology of Bacterial Meningitis. <i>Molecular Neurobiology</i> , 2016 , 53, 1770-1781	6.2	36
486	Early Maternal Deprivation Induces Microglial Activation, Alters Glial Fibrillary Acidic Protein Immunoreactivity and Indoleamine 2,3-Dioxygenase during the Development of Offspring Rats. <i>Molecular Neurobiology</i> , 2019 , 56, 1096-1108	6.2	36
485	Effects of sodium butyrate in animal models of mania and depression: implications as a new mood stabilizer. <i>Behavioural Pharmacology</i> , 2013 , 24, 569-79	2.4	36
484	Cognitive impairment in the septic brain. <i>Current Neurovascular Research</i> , 2009 , 6, 194-203	1.8	36
483	Intense exercise induces mitochondrial dysfunction in mice brain. <i>Neurochemical Research</i> , 2008 , 33, 51-8	4.6	36
482	Different brain areas are involved in memory expression at different times from training. <i>Neurobiology of Learning and Memory</i> , 1996 , 66, 97-101	3.1	36

481	Sequential involvement of NMDA receptor-dependent processes in hippocampus, amygdala, entorhinal cortex and parietal cortex in memory processing. <i>Behavioural Pharmacology</i> , 1996 , 7, 341-345 ^{2.4}	36
480	Acute White Matter Tract Damage after Frontal Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017 , 34, 291-299	5.4 35
479	Evaluation of behavioral and neurochemical changes induced by ketamine in rats: implications as an animal model of mania. <i>Journal of Psychiatric Research</i> , 2012 , 46, 1569-75	5.2 35
478	Effects of lithium on oxidative stress and behavioral alterations induced by lisdexamfetamine dimesylate: relevance as an animal model of mania. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013 , 43, 230-7	5.5 35
477	Neuroanatomical profile of antimaniac effects of histone deacetylases inhibitors. <i>Molecular Neurobiology</i> , 2011 , 43, 207-14	6.2 35
476	Structure-related oxidative damage in rat brain after acute and chronic electroshock. <i>Neurochemical Research</i> , 2004 , 29, 1749-53	4.6 35
475	Long-term cognitive impairment in sepsis survivors. <i>Critical Care Medicine</i> , 2005 , 33, 1671	1.4 35
474	TSPO upregulation in bipolar disorder and concomitant downregulation of mitophagic proteins and NLRP3 inflammasome activation. <i>Neuropsychopharmacology</i> , 2019 , 44, 1291-1299	8.7 35
473	Optimal duration of risperidone or olanzapine adjunctive therapy to mood stabilizer following remission of a manic episode: A CANMAT randomized double-blind trial. <i>Molecular Psychiatry</i> , 2016 , 21, 1050-6	15.1 34
472	Is bipolar disorder associated with accelerating aging? A meta-analysis of telomere length studies. <i>Journal of Affective Disorders</i> , 2015 , 186, 241-8	6.6 34
471	Lithium modulates the production of peripheral and cerebral cytokines in an animal model of mania induced by dextroamphetamine. <i>Bipolar Disorders</i> , 2015 , 17, 507-17	3.8 34
470	Synergist effects of n-acetylcysteine and deferoxamine treatment on behavioral and oxidative parameters induced by chronic mild stress in rats. <i>Neurochemistry International</i> , 2012 , 61, 1072-80	4.4 34
469	Early life stress decreases hippocampal BDNF content and exacerbates recognition memory deficits induced by repeated D-amphetamine exposure. <i>Behavioural Brain Research</i> , 2011 , 224, 100-6	3.4 34
468	Effects of acute and chronic treatment elicited by lamotrigine on behavior, energy metabolism, neurotrophins and signaling cascades in rats. <i>Neurochemistry International</i> , 2011 , 59, 1163-74	4.4 34
467	Evaluation of Krebs cycle enzymes in the brain of rats after chronic administration of antidepressants. <i>Brain Research Bulletin</i> , 2010 , 82, 224-7	3.9 34
466	Tumor necrosis factor alpha (TNF-alpha) levels in the brain and cerebrospinal fluid after meningitis induced by <i>Streptococcus pneumoniae</i> . <i>Neuroscience Letters</i> , 2009 , 467, 217-9	3.3 34
465	Modulation of Macrophage Polarization and HMGB1-TLR2/TLR4 Cascade Plays a Crucial Role for Cardiac Remodeling in Senescence-Accelerated Prone Mice. <i>PLoS ONE</i> , 2016 , 11, e0152922	3.7 34
464	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	9 33

463	Oral administration of d-galactose induces cognitive impairments and oxidative damage in rats. <i>Behavioural Brain Research</i> , 2016 , 302, 35-43	3.4	33
462	Treatment with tianeptine induces antidepressive-like effects and alters the neurotrophin levels, mitochondrial respiratory chain and cycle Krebs enzymes in the brain of maternally deprived adult rats. <i>Metabolic Brain Disease</i> , 2013 , 28, 93-105	3.9	33
461	Treatment with olanzapine, fluoxetine and olanzapine/fluoxetine alters citrate synthase activity in rat brain. <i>Neuroscience Letters</i> , 2011 , 487, 278-81	3.3	33
460	Involvement of mechanisms dependent on NMDA receptors, nitric oxide and protein kinase A in the hippocampus but not in the caudate nucleus in memory. <i>Behavioural Pharmacology</i> , 1997 , 8, 713-7	2.4	33
459	Acute and chronic electroconvulsive shock in rats: effects on peripheral markers of neuronal injury and glial activity. <i>Life Sciences</i> , 2006 , 78, 3013-7	6.8	33
458	Evaluation of anxiolytic activity of spray dried powders of two South Brazilian Passiflora species. <i>Phytotherapy Research</i> , 2006 , 20, 348-51	6.7	33
457	Effects of gabapentin on anxiety induced by simulated public speaking. <i>Journal of Psychopharmacology</i> , 2003 , 17, 184-8	4.6	33
456	The anticonvulsant compound gabapentin possesses anxiolytic but not amnesic effects in rats. <i>Behavioural Pharmacology</i> , 2000 , 11, 169-73	2.4	33
455	Psychopharmacological screening of Pfaffia glomerata Spreng. (Amaranthaceae) in rodents. <i>Journal of Ethnopharmacology</i> , 2000 , 73, 261-9	5	33
454	Tianeptine treatment induces antidepressive-like effects and alters BDNF and energy metabolism in the brain of rats. <i>Behavioural Brain Research</i> , 2012 , 233, 526-35	3.4	32
453	Activity of mitochondrial respiratory chain is increased by chronic administration of antidepressants. <i>Acta Neuropsychiatrica</i> , 2011 , 23, 112-8	3.9	31
452	Effects of moderate exercise on cigarette smoke exposure-induced hippocampal oxidative stress values and neurological behaviors in mice. <i>Neuroscience Letters</i> , 2010 , 475, 16-9	3.3	31
451	Effect of antipsychotics on succinate dehydrogenase and cytochrome oxidase activities in rat brain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007 , 376, 127-33	3.4	31
450	Antioxidant treatment ameliorates experimental diabetes-induced depressive-like behaviour and reduces oxidative stress in brain and pancreas. <i>Diabetes/Metabolism Research and Reviews</i> , 2016 , 32, 278-88	7.5	31
449	Major depression model induced by repeated and intermittent lipopolysaccharide administration: Long-lasting behavioral, neuroimmune and neuroprogressive alterations. <i>Journal of Psychiatric Research</i> , 2018 , 107, 57-67	5.2	31
448	Minocycline protects against oxidative damage and alters energy metabolism parameters in the brain of rats subjected to chronic mild stress. <i>Metabolic Brain Disease</i> , 2015 , 30, 545-53	3.9	30
447	Religious coping and its influence on psychological distress, medication adherence, and quality of life in inflammatory bowel disease. <i>Revista Brasileira De Psiquiatria</i> , 2015 , 37, 219-27	2.6	30
446	Correlation of acute phase inflammatory and oxidative markers with long-term cognitive impairment in sepsis survivors rats. <i>Shock</i> , 2013 , 40, 45-8	3.4	30

445	Ketamine alters behavior and decreases BDNF levels in the rat brain as a function of time after drug administration. <i>Revista Brasileira De Psiquiatria</i> , 2013 , 35, 262-6	2.6	30
444	Brain creatine kinase activity is increased by chronic administration of paroxetine. <i>Brain Research Bulletin</i> , 2009 , 80, 327-30	3.9	30
443	Impact of COVID-19 in the Mental Health in Elderly: Psychological and Biological Updates. <i>Molecular Neurobiology</i> , 2021 , 58, 1905-1916	6.2	30
442	Quetiapine treatment reverses depressive-like behavior and reduces DNA methyltransferase activity induced by maternal deprivation. <i>Behavioural Brain Research</i> , 2017 , 320, 225-232	3.4	29
441	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	5.5	29
440	Effects of mood stabilizers on oxidative stress-induced cell death signaling pathways in the brains of rats subjected to the ouabain-induced animal model of mania: Mood stabilizers exert protective effects against ouabain-induced activation of the cell death pathway. <i>Journal of Psychiatric Research</i> , 2017 , 45, 68-73	5.2	29
439	The medial forebrain bundle as a deep brain stimulation target for treatment resistant depression: A review of published data. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015 , 58, 59-70	5.5	29
438	Tianeptine exerts neuroprotective effects in the brain tissue of rats exposed to the chronic stress model. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 103, 395-402	3.9	29
437	DNA damage after acute and chronic treatment with malathion in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 7560-5	5.7	29
436	No evidence for oxidative damage in the hippocampus after acute and chronic electroshock in rats. <i>Brain Research</i> , 2004 , 1014, 177-83	3.7	29
435	Ketamine potentiates oxidative stress and influences behavior and inflammation in response to lipolysaccharide (LPS) exposure in early life. <i>Neuroscience</i> , 2017 , 353, 17-25	3.9	28
434	The prevalence, risk factors and clinical correlates of obesity in Chinese patients with schizophrenia. <i>Psychiatry Research</i> , 2017 , 251, 131-136	9.9	28
433	Histone deacetylase inhibitors reverse manic-like behaviors and protect the rat brain from energetic metabolic alterations induced by ouabain. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 128, 89-95	3.9	28
432	The inhibition of the kynurenine pathway prevents behavioral disturbances and oxidative stress in the brain of adult rats subjected to an animal model of schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 81, 55-63	5.5	28
431	Methylphenidate treatment causes oxidative stress and alters energetic metabolism in an animal model of attention-deficit hyperactivity disorder. <i>Acta Neuropsychiatrica</i> , 2014 , 26, 96-103	3.9	28
430	Correlation between behavioral deficits and decreased brain-derived neurotrophic [correction of neurotrophic] factor in neonatal meningitis. <i>Journal of Neuroimmunology</i> , 2010 , 223, 73-6	3.5	28
429	Stimulators of the cAMP cascade reverse amnesia induced by intra-amygdala but not intrahippocampal KN-62 administration. <i>Neurobiology of Learning and Memory</i> , 1999 , 71, 94-103	3.1	28
428	Neurochemical correlation between major depressive disorder and neurodegenerative diseases. <i>Life Sciences</i> , 2016 , 158, 121-9	6.8	28

427	Increased dopamine receptor expression and anti-depressant response following deep brain stimulation of the medial forebrain bundle. <i>Journal of Affective Disorders</i> , 2017 , 217, 80-88	6.6	27
426	Second generation antipsychotic-induced mitochondrial alterations: Implications for increased risk of metabolic syndrome in patients with schizophrenia. <i>European Neuropsychopharmacology</i> , 2018 , 28, 369-380	1.2	27
425	Molecular Mechanisms Underlying the Anti-depressant Effects of Resveratrol: a Review. <i>Molecular Neurobiology</i> , 2018 , 55, 4543-4559	6.2	27
424	Enriched Flavonoid Fraction from <i>Cecropia pachystachya</i> Trful Leaves Exerts Antidepressant-like Behavior and Protects Brain Against Oxidative Stress in Rats Subjected to Chronic Mild Stress. <i>Neurotoxicity Research</i> , 2016 , 29, 469-83	4.3	27
423	Modeling mania in preclinical settings: A comprehensive review. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016 , 66, 22-34	5.5	27
422	Lithium and valproate act on the GSK-3 β signaling pathway to reverse manic-like behavior in an animal model of mania induced by ouabain. <i>Neuropharmacology</i> , 2017 , 117, 447-459	5.5	27
421	Effects of palatable cafeteria diet on cognitive and noncognitive behaviors and brain neurotrophins' levels in mice. <i>Metabolic Brain Disease</i> , 2015 , 30, 1073-82	3.9	27
420	Histone deacetylase activity and brain-derived neurotrophic factor (BDNF) levels in a pharmacological model of mania. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 39-46	2.6	27
419	Tamoxifen effects on respiratory chain complexes and creatine kinase activities in an animal model of mania. <i>Pharmacology Biochemistry and Behavior</i> , 2011 , 98, 304-10	3.9	27
418	Systemic administration of ACTH or vasopressin reverses the amnesic effect of posttraining beta-endorphin or electroconvulsive shock but not that of intrahippocampal infusion of protein kinase inhibitors. <i>Neurobiology of Learning and Memory</i> , 1997 , 68, 197-202	3.1	27
417	Antioxidant enzyme activities following acute or chronic methylphenidate treatment in young rats. <i>Neurochemical Research</i> , 2008 , 33, 1024-7	4.6	27
416	Involvement of the medial precentral prefrontal cortex in memory consolidation for inhibitory avoidance learning in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2000 , 66, 615-22	3.9	27
415	Behavioural effects of acute tryptophan depletion in healthy male volunteers. <i>Journal of Psychopharmacology</i> , 2000 , 14, 157-63	4.6	27
414	Relationship of Oxidative Stress as a Link between Diabetes Mellitus and Major Depressive Disorder. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 8637970	6.7	26
413	Increased oxidative stress in the mitochondria isolated from lymphocytes of bipolar disorder patients during depressive episodes. <i>Psychiatry Research</i> , 2018 , 264, 192-201	9.9	26
412	Skin picking disorder: prevalence, correlates, and associations with quality of life in a large sample. <i>CNS Spectrums</i> , 2018 , 23, 311-320	1.8	26
411	Inhibition of matrix metalloproteinases-2 and -9 prevents cognitive impairment induced by pneumococcal meningitis in Wistar rats. <i>Experimental Biology and Medicine</i> , 2014 , 239, 225-31	3.7	26
410	NMDA preconditioning prevents object recognition memory impairment and increases brain viability in mice exposed to traumatic brain injury. <i>Brain Research</i> , 2012 , 1466, 82-90	3.7	26

409	Effects of lamotrigine on behavior, oxidative parameters and signaling cascades in rats exposed to the chronic mild stress model. <i>Neuroscience Research</i> , 2013 , 75, 324-30	2.9	26
408	Pathophysiological mechanisms involved in the relationship between diabetes and major depressive disorder. <i>Life Sciences</i> , 2017 , 183, 78-82	6.8	26
407	The administration of olanzapine and fluoxetine has synergistic effects on intracellular survival pathways in the rat brain. <i>Journal of Psychiatric Research</i> , 2012 , 46, 1029-35	5.2	26
406	Role of oxidative stress in the pathophysiology of pneumococcal meningitis. <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 371465	6.7	26
405	A rodent model of schizophrenia reveals increase in creatine kinase activity with associated behavior changes. <i>Oxidative Medicine and Cellular Longevity</i> , 2010 , 3, 421-7	6.7	26
404	Antibiotic therapy prevents, in part, the oxidative stress in the rat brain after meningitis induced by <i>Streptococcus pneumoniae</i> . <i>Neuroscience Letters</i> , 2010 , 478, 93-6	3.3	26
403	Effect of acute administration of ketamine and imipramine on creatine kinase activity in the brain of rats. <i>Revista Brasileira De Psiquiatria</i> , 2009 , 31, 247-52	2.6	26
402	EB and folic acid act against depressive-like behavior and oxidative damage in the brain of rats subjected to early- or late-life stress. <i>Nutrition</i> , 2018 , 53, 120-133	4.8	25
401	The role of memantine in the treatment of major depressive disorder: Clinical efficacy and mechanisms of action. <i>European Journal of Pharmacology</i> , 2018 , 827, 103-111	5.3	25
400	Common biological mechanisms between bipolar disorder and type 2 diabetes: Focus on inflammation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 54, 289-98	5.5	25
399	Does Infection-Induced Immune Activation Contribute to Dementia? 2015 , 6, 342-8		25
398	Mesenchymal stem cells for the treatment of neurodegenerative and psychiatric disorders. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 1435-49	1.4	25
397	Superoxide production after acute and chronic treatment with methylphenidate in young and adult rats. <i>Neuroscience Letters</i> , 2009 , 465, 95-8	3.3	25
396	DARPP-32 and NCS-1 expression is not altered in brains of rats treated with typical or atypical antipsychotics. <i>Neurochemical Research</i> , 2008 , 33, 533-8	4.6	25
395	Resilience Dysregulation in Major Depressive Disorder: Focus on Glutamatergic Imbalance and Microglial Activation. <i>Current Neuropharmacology</i> , 2018 , 16, 297-307	7.6	25
394	Effects of ketamine administration on mTOR and reticulum stress signaling pathways in the brain after the infusion of rapamycin into prefrontal cortex. <i>Journal of Psychiatric Research</i> , 2017 , 87, 81-87	5.2	24
393	Role of MAPK-mediated endoplasmic reticulum stress signaling in the heart during aging in senescence-accelerated prone mice. <i>BioFactors</i> , 2016 , 42, 368-75	6.1	24
392	Acute and chronic administration of cannabidiol increases mitochondrial complex and creatine kinase activity in the rat brain. <i>Revista Brasileira De Psiquiatria</i> , 2013 , 35, 380-6	2.6	24

391	Anti-HIV drugs nevirapine and efavirenz affect anxiety-related behavior and cognitive performance in mice. <i>Neurotoxicity Research</i> , 2011 , 19, 73-80	4.3	24
390	Protein kinase C and oxidative stress in an animal model of mania. <i>Current Neurovascular Research</i> , 2012 , 9, 47-57	1.8	24
389	Depressive-like parameters in sepsis survivor rats. <i>Neurotoxicity Research</i> , 2010 , 17, 279-86	4.3	24
388	Emotional memory in bipolar disorder. <i>British Journal of Psychiatry</i> , 2008 , 192, 458-63	5.4	24
387	NMDA receptor antagonism in the basolateral amygdala blocks enhancement of inhibitory avoidance learning in previously trained rats. <i>Behavioural Brain Research</i> , 2000 , 112, 99-105	3.4	24
386	Lithium and memantine improve spatial memory impairment and neuroinflammation induced by Amyloid 1-42 oligomers in rats. <i>Neurobiology of Learning and Memory</i> , 2017 , 141, 84-92	3.1	23
385	Integrated transcriptome and methylome analysis in youth at high risk for bipolar disorder: a preliminary analysis. <i>Translational Psychiatry</i> , 2017 , 7, e1059	8.6	23
384	Antimanic-like activity of candesartan in mice: Possible involvement of antioxidant, anti-inflammatory and neurotrophic mechanisms. <i>European Neuropsychopharmacology</i> , 2015 , 25, 2086-97 ^{1,2}		23
383	Mechanisms of long-term cognitive dysfunction of sepsis: from blood-borne leukocytes to glial cells. <i>Intensive Care Medicine Experimental</i> , 2015 , 3, 30	3.7	23
382	Vitamin B Reduces Neurochemical and Long-Term Cognitive Alterations After Polymicrobial Sepsis: Involvement of the Kynurenine Pathway Modulation. <i>Molecular Neurobiology</i> , 2018 , 55, 5255-5268	6.2	23
381	Glutamatergic NMDA Receptor as Therapeutic Target for Depression. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016 , 103, 169-202	5.3	23
380	Sodium butyrate has an antimanic effect and protects the brain against oxidative stress in an animal model of mania induced by ouabain. <i>Psychiatry Research</i> , 2016 , 235, 154-9	9.9	23
379	Lamotrigine treatment reverses depressive-like behavior and alters BDNF levels in the brains of maternally deprived adult rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 101, 348-53	3.9	23
378	Sodium butyrate reverses the inhibition of Krebs cycle enzymes induced by amphetamine in the rat brain. <i>Journal of Neural Transmission</i> , 2013 , 120, 1737-42	4.3	23
377	Effect of co-administration of memantine and sertraline on the antidepressant-like activity and brain-derived neurotrophic factor (BDNF) levels in the rat brain. <i>Brain Research Bulletin</i> , 2017 , 128, 29-33 ^{3,9}		23
376	Treatment implications of predominant polarity and the polarity index: a comprehensive review. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	23
375	Behavioral changes and brain energy metabolism dysfunction in rats treated with methamphetamine or dextroamphetamine. <i>Neuroscience Letters</i> , 2012 , 530, 75-9	3.3	23
374	Chronic administration of branched-chain amino acids impairs spatial memory and increases brain-derived neurotrophic factor in a rat model. <i>Journal of Inherited Metabolic Disease</i> , 2013 , 36, 721-30 ^{5,4}		23

373	Intracerebroventricular ouabain administration induces oxidative stress in the rat brain. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 233-7	2.7	23
372	Effects of olanzapine, fluoxetine and olanzapine/fluoxetine on creatine kinase activity in rat brain. <i>Brain Research Bulletin</i> , 2009 , 80, 337-40	3.9	23
371	Imipramine reverses the depressive symptoms in sepsis survivor rats. <i>Intensive Care Medicine</i> , 2007 , 33, 2165-7	14.5	23
370	Acute treatment with low doses of memantine does not impair aversive, non-associative and recognition memory in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008 , 376, 295-300	3.4	23
369	Influence of malathion on acetylcholinesterase activity in rats submitted to a forced swimming test. <i>Neurotoxicity Research</i> , 2006 , 9, 285-90	4.3	23
368	Mitochondrial IV complex and brain neurotrophic derived factor responses of mice brain cortex after downhill training. <i>Neuroscience Letters</i> , 2007 , 426, 171-4	3.3	23
367	Differential effects of post-training muscimol and AP5 infusions into different regions of the cingulate cortex on retention for inhibitory avoidance in rats. <i>Neurobiology of Learning and Memory</i> , 1999 , 72, 118-27	3.1	23
366	Accelerated hippocampal biological aging in bipolar disorder. <i>Bipolar Disorders</i> , 2020 , 22, 498-507	3.8	23
365	Effects of sodium butyrate on aversive memory in rats submitted to sepsis. <i>Neuroscience Letters</i> , 2015 , 595, 134-8	3.3	22
364	Intracerebral Administration of BDNF Protects Rat Brain Against Oxidative Stress Induced by Ouabain in an Animal Model of Mania. <i>Molecular Neurobiology</i> , 2015 , 52, 353-62	6.2	22
363	Neurodevelopmental pathways in bipolar disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 112, 213-226	9	22
362	Brain apoptosis signaling pathways are regulated by methylphenidate treatment in young and adult rats. <i>Brain Research</i> , 2014 , 1583, 269-76	3.7	22
361	Anxiety disorders are associated with quality of life impairment in patients with insulin-dependent type 2 diabetes: a case-control study. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 298-304	2.6	22
360	Effects of lithium and valproate on oxidative stress and behavioral changes induced by administration of m-AMPH. <i>Psychiatry Research</i> , 2012 , 198, 521-6	9.9	22
359	Imipramine treatment reverses depressive-like behavior in alloxan-diabetic rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2012 , 28, 139-44	7.5	22
358	Early long-term exposure with caffeine induces cross-sensitization to methylphenidate with involvement of DARPP-32 in adulthood of rats. <i>Neurochemistry International</i> , 2009 , 55, 318-22	4.4	22
357	Use and misuse of benzodiazepines in Brazil: a review. <i>Substance Use and Misuse</i> , 2001 , 36, 1053-69	2.2	22
356	Preliminary investigation of peripheral extracellular vesicles' microRNAs in bipolar disorder. <i>Journal of Affective Disorders</i> , 2019 , 255, 10-14	6.6	21

355	Microglial Cells Depletion Increases Inflammation and Modifies Microglial Phenotypes in an Animal Model of Severe Sepsis. <i>Molecular Neurobiology</i> , 2019 , 56, 7296-7304	6.2	21
354	Blockade of the angiotensin system improves mental health domain of quality of life: A meta-analysis of randomized clinical trials. <i>Australian and New Zealand Journal of Psychiatry</i> , 2018 , 52, 24-38	2.6	21
353	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
352	Antidepressant-like effects of aqueous extract from <i>Cecropia pachystachya</i> leaves in a mouse model of chronic unpredictable stress. <i>Brain Research Bulletin</i> , 2014 , 108, 10-7	3.9	21
351	Neuroimmunomodulation in depression: a review of inflammatory cytokines involved in this process. <i>Neurochemical Research</i> , 2014 , 39, 1634-9	4.6	21
350	Inhibition of indoleamine 2,3-dioxygenase prevented cognitive impairment in adult Wistar rats subjected to pneumococcal meningitis. <i>Translational Research</i> , 2013 , 162, 390-7	11	21
349	Effects of sodium butyrate on oxidative stress and behavioral changes induced by administration of D-AMPH. <i>Neurochemistry International</i> , 2013 , 62, 425-32	4.4	21
348	Effects of experimental cerebral malaria in memory, brain-derived neurotrophic factor and acetylcholinesterase activity [correction for activity] in the hippocampus of survivor mice. <i>Neuroscience Letters</i> , 2012 , 523, 104-7	3.3	21
347	Antioxidant administration prevents memory impairment in an animal model of maple syrup urine disease. <i>Behavioural Brain Research</i> , 2012 , 231, 92-6	3.4	21
346	Rivastigmine reverses habituation memory impairment observed in sepsis survivor rats. <i>Shock</i> , 2009 , 32, 270-1	3.4	21
345	Time-dependent behavioral recovery after pneumococcal meningitis in rats. <i>Journal of Neural Transmission</i> , 2010 , 117, 819-26	4.3	21
344	Involvement of the hippocampus, amygdala, entorhinal cortex and posterior parietal cortex in memory consolidation. <i>Brazilian Journal of Medical and Biological Research</i> , 1997 , 30, 235-40	2.8	21
343	Methylphenidate increases creatine kinase activity in the brain of young and adult rats. <i>Life Sciences</i> , 2008 , 83, 795-800	6.8	21
342	Erythropoietin prevents cognitive impairment and oxidative parameters in Wistar rats subjected to pneumococcal meningitis. <i>Translational Research</i> , 2014 , 163, 503-13	11	20
341	Depressive-like-behavior and proinflammatory interleukine levels in the brain of rats submitted to pneumococcal meningitis. <i>Brain Research Bulletin</i> , 2010 , 82, 243-6	3.9	20
340	Administration of harmine and imipramine alters creatine kinase and mitochondrial respiratory chain activities in the rat brain. <i>Depression Research and Treatment</i> , 2012 , 2012, 987397	3.8	20
339	Exposure to Perinatal Infections and Bipolar Disorder: A Systematic Review. <i>Current Molecular Medicine</i> , 2016 , 16, 106-18	2.5	20
338	Experimental Neonatal Sepsis Causes Long-Term Cognitive Impairment. <i>Molecular Neurobiology</i> , 2016 , 53, 5928-5934	6.2	19

337	Fenproporex increases locomotor activity and alters energy metabolism, and mood stabilizers reverse these changes: a proposal for a new animal model of mania. <i>Molecular Neurobiology</i> , 2014 , 49, 877-92	6.2	19
336	Differences between dextroamphetamine and methamphetamine: behavioral changes and oxidative damage in brain of Wistar rats. <i>Journal of Neural Transmission</i> , 2012 , 119, 31-8	4.3	19
335	Late brain alterations in sepsis-survivor rats. <i>Synapse</i> , 2013 , 67, 786-93	2.4	19
334	Low dose dexamethasone reverses depressive-like parameters and memory impairment in rats submitted to sepsis. <i>Neuroscience Letters</i> , 2010 , 473, 126-30	3.3	19
333	Na ⁺ ,K ⁺ -ATPase activity in an animal model of mania. <i>Journal of Neural Transmission</i> , 2009 , 116, 431-6	4.3	19
332	Sodium Butyrate, a Histone Deacetylase Inhibitor, Reverses Behavioral and Mitochondrial Alterations in Animal Models of Depression Induced by Early- or Late-life Stress. <i>Current Neurovascular Research</i> , 2015 , 12, 312-20	1.8	19
331	Serum S100B in manic bipolar disorder patients: Systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2016 , 206, 210-215	6.6	19
330	Medial Forebrain Bundle Deep Brain Stimulation Reverses Anhedonic-Like Behavior in a Chronic Model of Depression: Importance of BDNF and Inflammatory Cytokines. <i>Molecular Neurobiology</i> , 2019 , 56, 4364-4380	6.2	19
329	Acute treatment with ketamine and chronic treatment with minocycline exert antidepressant-like effects and antioxidant properties in rats subjected different stressful events. <i>Brain Research Bulletin</i> , 2018 , 137, 204-216	3.9	19
328	The translocator protein (18kDa) and its role in neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 83, 183-199	9	18
327	Maternal deprivation increases microglial activation and neuroinflammatory markers in the prefrontal cortex and hippocampus of infant rats. <i>Journal of Psychiatric Research</i> , 2019 , 115, 13-20	5.2	18
326	Omega-3 fatty acids prevent the ketamine-induced increase in acetylcholinesterase activity in an animal model of schizophrenia. <i>Life Sciences</i> , 2015 , 121, 65-9	6.8	18
325	Exosomal MicroRNAs as Potential Biomarkers in Neuropsychiatric Disorders. <i>Methods in Molecular Biology</i> , 2018 , 1733, 79-85	1.4	18
324	Newer insights into the role of miRNA a tiny genetic tool in psychiatric disorders: focus on post-traumatic stress disorder. <i>Translational Psychiatry</i> , 2016 , 6, e954	8.6	18
323	Rivastigmine reverses cognitive deficit and acetylcholinesterase activity induced by ketamine in an animal model of schizophrenia. <i>Metabolic Brain Disease</i> , 2013 , 28, 501-8	3.9	18
322	Methylphenidate treatment leads to abnormalities on krebs cycle enzymes in the brain of young and adult rats. <i>Neurotoxicity Research</i> , 2013 , 24, 251-7	4.3	18
321	Long-term decrease in immediate early gene expression after electroconvulsive seizures. <i>Journal of Neural Transmission</i> , 2013 , 120, 259-66	4.3	18
320	Memory and brain-derived neurotrophic factor after subchronic or chronic amphetamine treatment in an animal model of mania. <i>Journal of Psychiatric Research</i> , 2015 , 68, 329-36	5.2	18

319	Targets for adjunctive therapy in pneumococcal meningitis. <i>Journal of Neuroimmunology</i> , 2015 , 278, 262-70	3.5	18
318	N-methyl-D-aspartate glutamate receptor blockade attenuates lung injury associated with experimental sepsis. <i>Chest</i> , 2010 , 137, 297-302	5.3	18
317	Evaluation of citrate synthase activity in brain of rats submitted to an animal model of mania induced by ouabain. <i>Molecular and Cellular Biochemistry</i> , 2010 , 341, 245-9	4.2	18
316	Inhibition of mitochondrial respiratory chain in the brain of adult rats after acute and chronic administration of methylphenidate. <i>Neurochemical Research</i> , 2010 , 35, 405-11	4.6	18
315	Effect of antipsychotics on creatine kinase activity in rat brain. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007 , 101, 315-9	3.1	18
314	A gastrin-releasing peptide receptor antagonist blocks D-amphetamine-induced hyperlocomotion and increases hippocampal NGF and BDNF levels in rats. <i>Peptides</i> , 2007 , 28, 1447-52	3.8	18
313	Non-associative learning and anxiety in rats treated with a single systemic administration of the gastrin-releasing peptide receptor antagonist RC-3095. <i>Peptides</i> , 2005 , 26, 2525-9	3.8	18
312	The oral administration of D-galactose induces abnormalities within the mitochondrial respiratory chain in the brain of rats. <i>Metabolic Brain Disease</i> , 2017 , 32, 811-817	3.9	17
311	Effect of maternal deprivation on acetylcholinesterase activity and behavioral changes on the ketamine-induced animal model of schizophrenia. <i>Neuroscience</i> , 2013 , 248, 252-60	3.9	17
310	Administration of memantine and imipramine alters mitochondrial respiratory chain and creatine kinase activities in rat brain. <i>Journal of Neural Transmission</i> , 2012 , 119, 481-91	4.3	17
309	Olanzapine plus fluoxetine treatment alters mitochondrial respiratory chain activity in the rat brain. <i>Acta Neuropsychiatrica</i> , 2011 , 23, 282-91	3.9	17
308	Phosphoinositide 3-kinase is required for bombesin-induced enhancement of fear memory consolidation in the hippocampus. <i>Peptides</i> , 2009 , 30, 1192-6	3.8	17
307	Effect of acute and chronic administration of methylphenidate on mitochondrial respiratory chain in the brain of young rats. <i>Neurochemical Research</i> , 2010 , 35, 1675-80	4.6	17
306	Decreased creatine kinase activity caused by electroconvulsive shock. <i>Neurochemical Research</i> , 2006 , 31, 877-81	4.6	17
305	Involvement of hippocampal NMDA receptors in retention of shuttle avoidance conditioning in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 1998 , 31, 1601-4	2.8	17
304	Infusions of AP5 into the basolateral amygdala impair the formation, but not the expression, of step-down inhibitory avoidance. <i>Brazilian Journal of Medical and Biological Research</i> , 2000 , 33, 829-34	2.8	17
303	Effects of Mood Stabilizers on Brain Energy Metabolism in Mice Submitted to an Animal Model of Mania Induced by Paradoxical Sleep Deprivation. <i>Neurochemical Research</i> , 2015 , 40, 1144-52	4.6	16
302	Effect of folic acid on oxidative stress and behavioral changes in the animal model of schizophrenia induced by ketamine. <i>Journal of Psychiatric Research</i> , 2016 , 81, 23-35	5.2	16

301	Lithium attenuates behavioral and biochemical effects of neuropeptide S in mice. <i>Peptides</i> , 2009 , 30, 1914-20	3.8	16
300	Acute and subacute exposure to malathion impairs aversive but not non-associative memory in rats. <i>Neurotoxicity Research</i> , 2007 , 12, 71-9	4.3	16
299	NMDA receptors mediate consolidation of contextual memory in the hippocampus after context preexposure. <i>Neurochemical Research</i> , 2005 , 30, 1407-11	4.6	16
298	MicroRNAs in Major Depressive Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1118, 175-190	3.6	16
297	Biomarkers of Delirium in a Low-Risk Community-Acquired Pneumonia-Induced Sepsis. <i>Molecular Neurobiology</i> , 2017 , 54, 722-726	6.2	15
296	Measuring affective temperaments: a systematic review of validation studies of the Temperament Evaluation in Memphis Pisa and San Diego (TEMPS) instruments. <i>Journal of Affective Disorders</i> , 2017 , 212, 25-37	6.6	15
295	Acute and chronic treatment with quetiapine induces antidepressant-like behavior and exerts antioxidant effects in the rat brain. <i>Metabolic Brain Disease</i> , 2017 , 32, 1195-1208	3.9	15
294	LC/QTOF profile and preliminary stability studies of an enriched flavonoid fraction of <i>Cecropia pachystachya</i> Trêul leaves with potential antidepressant-like activity. <i>Biomedical Chromatography</i> , 2017 , 31, e3982	1.7	15
293	Clozapine Prevents Poly (I:C) Induced Inflammation by Modulating NLRP3 Pathway in Microglial Cells. <i>Cells</i> , 2020 , 9,	7.9	15
292	Vitamin B6 prevents cognitive impairment in experimental pneumococcal meningitis. <i>Experimental Biology and Medicine</i> , 2014 , 239, 1360-5	3.7	15
291	Neonatal <i>Escherichia coli</i> K1 meningitis causes learning and memory impairments in adulthood. <i>Journal of Neuroimmunology</i> , 2014 , 272, 35-41	3.5	15
290	Attenuation of cognitive impairment by the nonbacteriolytic antibiotic daptomycin in Wistar rats submitted to pneumococcal meningitis. <i>BMC Neuroscience</i> , 2013 , 14, 42	3.2	15
289	Sepsis in the central nervous system and antioxidant strategies with N-acetylcysteine, vitamins and statins. <i>Current Neurovascular Research</i> , 2014 , 11, 83-90	1.8	15
288	Acute low dose of MK-801 prevents memory deficits without altering hippocampal DARPP-32 expression and BDNF levels in sepsis survivor rats. <i>Journal of Neuroimmunology</i> , 2011 , 230, 48-51	3.5	15
287	Emotional memory deficit and its psychophysiological correlate in family caregivers of patients with dementia. <i>Alzheimer Disease and Associated Disorders</i> , 2011 , 25, 262-8	2.5	15
286	DARPP-32 expression in rat brain after electroconvulsive stimulation. <i>Brain Research</i> , 2007 , 1179, 35-41	3.7	15
285	Effects of electroconvulsive seizures on Na(+),K(+)-ATPase activity in the rat hippocampus. <i>Neuroscience Letters</i> , 2006 , 404, 254-7	3.3	15
284	Long lasting effects of electroconvulsive seizures on brain oxidative parameters. <i>Neurochemical Research</i> , 2006 , 31, 665-70	4.6	15

283	Glycogen Synthase Kinase-3 β is a Putative Therapeutic Target for Bipolar Disorder. <i>Current Drug Metabolism</i> , 2018 , 19, 663-673	3.5	15
282	Ketamine treatment partly reverses alterations in brain derived- neurotrophic factor, oxidative stress and energy metabolism parameters induced by an animal model of depression. <i>Current Neurovascular Research</i> , 2015 , 12, 73-84	1.8	15
281	Validation of the animal model of bipolar disorder induced by Ouabain: face, construct and predictive perspectives. <i>Translational Psychiatry</i> , 2019 , 9, 158	8.6	14
280	GBR 12909 administration as an animal model of bipolar mania: time course of behavioral, brain oxidative alterations and effect of mood stabilizing drugs. <i>Metabolic Brain Disease</i> , 2015 , 30, 1207-15	3.9	14
279	The additive effect of aging on sepsis-induced cognitive impairment and neuroinflammation. <i>Journal of Neuroimmunology</i> , 2018 , 314, 1-7	3.5	14
278	Effects of ketamine administration on the phosphorylation levels of CREB and TrkB and on oxidative damage after infusion of MEK inhibitor. <i>Pharmacological Reports</i> , 2016 , 68, 177-84	3.9	14
277	Chronic exposure to cigarette smoke during gestation results in altered cholinesterase enzyme activity and behavioral deficits in adult rat offspring: potential relevance to schizophrenia. <i>Journal of Psychiatric Research</i> , 2013 , 47, 740-6	5.2	14
276	Evaluation of the brain-derived neurotrophic factor, nerve growth factor and memory in adult rats survivors of the neonatal meningitis by <i>Streptococcus agalactiae</i> . <i>Brain Research Bulletin</i> , 2013 , 92, 56-9	3.9	14
275	Erythropoietin reverts cognitive impairment and alters the oxidative parameters and energetic metabolism in sepsis animal model. <i>Journal of Neural Transmission</i> , 2012 , 119, 1267-74	4.3	14
274	Recent evidence and potential mechanisms underlying weight gain and insulin resistance due to atypical antipsychotics. <i>Revista Brasileira De Psiquiatria</i> , 2013 , 35, 295-304	2.6	14
273	Diurnal differences in memory and learning in young and adult rats treated with methylphenidate. <i>Journal of Neural Transmission</i> , 2010 , 117, 457-62	4.3	14
272	Memory-enhancing treatments reverse the impairment of inhibitory avoidance retention in sepsis-surviving rats. <i>Critical Care</i> , 2008 , 12, R133	10.8	14
271	Effects of maintenance electroshock on the oxidative damage parameters in the rat brain. <i>Neurochemical Research</i> , 2007 , 32, 389-94	4.6	14
270	Lack of effect of antipsychotics on BDNF and NGF levels in hippocampus of Wistar rats. <i>Metabolic Brain Disease</i> , 2008 , 23, 213-9	3.9	14
269	Evidence of astrogliosis in rat hippocampus after d-amphetamine exposure. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006 , 30, 1231-4	5.5	14
268	Chronic treatment with clozapine, but not haloperidol, increases striatal ecto-5'-nucleotidase activity in rats. <i>Neuropsychobiology</i> , 2001 , 44, 99-102	4	14
267	Obesity promotes oxidative stress and exacerbates sepsis-induced brain damage. <i>Current Neurovascular Research</i> , 2015 , 12, 147-54	1.8	14
266	Psychometric properties of the modified Yale Food Addiction Scale 2.0 in a large Brazilian sample. <i>Revista Brasileira De Psiquiatria</i> , 2018 , 40, 444-448	2.6	14

265	Changes in behavioural parameters, oxidative stress and neurotrophins in the brain of adult offspring induced to an animal model of schizophrenia: The effects of FA deficient or FA supplemented diet during the neurodevelopmental phase. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 86, 52-64	5.5	14
264	Inhibition of indoleamine 2,3-dioxygenase 1/2 prevented cognitive impairment and energetic metabolism changes in the hippocampus of adult rats subjected to polymicrobial sepsis. <i>Journal of Neuroimmunology</i> , 2017 , 305, 167-171	3.5	13
263	Lithium and Tamoxifen Modulate Behavior and Protein Kinase C Activity in the Animal Model of Mania Induced by Ouabain. <i>International Journal of Neuropsychopharmacology</i> , 2017 , 20, 877-885	5.8	13
262	Moving pharmacogenetics tools for depression toward clinical use. <i>Journal of Affective Disorders</i> , 2019 , 249, 336-346	6.6	13
261	Maternal deprivation disrupts mitochondrial energy homeostasis in the brain of rats subjected to ketamine-induced schizophrenia. <i>Metabolic Brain Disease</i> , 2015 , 30, 1043-53	3.9	13
260	The use of quetiapine in the treatment of major depressive disorder: Evidence from clinical and experimental studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 86, 36-50	9	13
259	Effects of omega-3 on behavioral and biochemical parameters in rats submitted to chronic mild stress. <i>Metabolic Brain Disease</i> , 2014 , 29, 691-9	3.9	13
258	Effects of organoselenium compounds on early and late brain biochemical alterations in sepsis-survivor rats. <i>Neurotoxicity Research</i> , 2014 , 26, 382-91	4.3	13
257	Brain-derived neurotrophic factor plasma levels are associated with mortality in critically ill patients even in the absence of brain injury. <i>Critical Care</i> , 2012 , 16, R234	10.8	13
256	Antioxidant treatment prevents cognitive impairment and oxidative damage in pneumococcal meningitis survivor rats. <i>Metabolic Brain Disease</i> , 2012 , 27, 587-93	3.9	13
255	Oxidative variables and antioxidant enzymes activities in the mdx mouse brain. <i>Neurochemistry International</i> , 2009 , 55, 802-5	4.4	13
254	The N-methyl-D-aspartate receptor blocker MK-801 prevents the facilitatory effects of naloxone and epinephrine on retention of inhibitory avoidance task in rats. <i>Behavioural Pharmacology</i> , 1997 , 8, 471-4	2.4	13
253	Effect of electroconvulsive shock on mitochondrial respiratory chain in rat brain. <i>Neurochemical Research</i> , 2006 , 31, 1375-9	4.6	13
252	Effects of suramin on hippocampal apyrase activity and inhibitory avoidance learning of rats. <i>Pharmacology Biochemistry and Behavior</i> , 1999 , 63, 153-8	3.9	13
251	Acute and Chronic Treatments with Quetiapine Increase Mitochondrial Respiratory Chain Complex Activity in the Rat Brain. <i>Current Neurovascular Research</i> , 2015 , 12, 283-92	1.8	13
250	A single high dose of dexamethasone affects the phosphorylation state of glutamate AMPA receptors in the human limbic system. <i>Translational Psychiatry</i> , 2016 , 6, e986	8.6	13
249	Non-genetic transgenerational transmission of bipolar disorder: targeting DNA methyltransferases. <i>Molecular Psychiatry</i> , 2016 , 21, 1653-1654	15.1	13
248	The role of neurotrophic factors in manic-, anxious- and depressive-like behaviors induced by amphetamine sensitization: Implications to the animal model of bipolar disorder. <i>Journal of Affective Disorders</i> , 2019 , 245, 1106-1113	6.6	13

247	Coadministration of lithium and celecoxib attenuates the behavioral alterations and inflammatory processes induced by amphetamine in an animal model of mania. <i>Pharmacology Biochemistry and Behavior</i> , 2019 , 183, 56-63	3.9	12
246	Ebselen Attenuates Lung Injury in Experimental Model of Carrageenan-Induced Pleurisy in Rats. <i>Inflammation</i> , 2015 , 38, 1394-400	5.1	12
245	The effects of n-acetylcysteine and/or deferoxamine on manic-like behavior and brain oxidative damage in mice submitted to the paradoxal sleep deprivation model of mania. <i>Journal of Psychiatric Research</i> , 2015 , 65, 71-9	5.2	12
244	Intravenous infusion of xenon-containing liposomes generates rapid antidepressant-like effects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 86, 140-149	5.5	12
243	Inhibition of GSK-3β on Behavioral Changes and Oxidative Stress in an Animal Model of Mania. <i>Molecular Neurobiology</i> , 2019 , 56, 2379-2393	6.2	12
242	Effects of omega-3 supplementation on interleukin and neurotrophin levels in an animal model of schizophrenia. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 1475-86	1.4	12
241	Evaluation of acetylcholinesterase activity and behavioural alterations induced by ketamine in an animal model of schizophrenia. <i>Acta Neuropsychiatrica</i> , 2014 , 26, 43-50	3.9	12
240	Behavioral responses in rats submitted to chronic administration of branched-chain amino acids. <i>JIMD Reports</i> , 2014 , 13, 159-67	1.9	12
239	Olanzapine plus fluoxetine treatment increases Nt-3 protein levels in the rat prefrontal cortex. <i>Neuroscience Letters</i> , 2011 , 497, 99-103	3.3	12
238	Methylphenidate treatment increases Na(+), K (+)-ATPase activity in the cerebrum of young and adult rats. <i>Journal of Neural Transmission</i> , 2009 , 116, 1681-7	4.3	12
237	Effects of chronic haloperidol and/or clozapine on oxidative stress parameters in rat brain. <i>Neurochemical Research</i> , 2007 , 32, 1343-50	4.6	12
236	Effects of milnacipran in animal models of anxiety and memory. <i>Neurochemical Research</i> , 2006 , 31, 571-74.6		12
235	Pretraining but not preexposure to the task apparatus prevents the memory impairment induced by blockade of protein synthesis, PKA or MAP kinase in rats. <i>Neurochemical Research</i> , 2005 , 30, 61-7	4.6	12
234	National Science and Technology Institute for Translational Medicine (INCT-TM): advancing the field of translational medicine and mental health. <i>Revista Brasileira De Psiquiatria</i> , 2010 , 32, 83-90	2.6	12
233	Effect of subchronic administration of agomelatine on brain energy metabolism and oxidative stress parameters in rats. <i>Psychiatry and Clinical Neurosciences</i> , 2016 , 70, 159-66	6.2	12
232	Effect of alcohol and illicit substance use on verbal memory among individuals with bipolar disorder. <i>Psychiatry Research</i> , 2016 , 243, 225-231	9.9	12
231	Microglial Activation and Psychotic Disorders: Evidence from Pre-clinical and Clinical Studies. <i>Current Topics in Behavioral Neurosciences</i> , 2020 , 44, 161-205	3.4	11
230	Clinical outcomes associated with comorbid posttraumatic stress disorder among patients with bipolar disorder. <i>Journal of Clinical Psychiatry</i> , 2016 , 77, e555-60	4.6	11

229	The GLP-1 receptor agonist liraglutide reverses mania-like alterations and memory deficits induced by D-amphetamine and augments lithium effects in mice: Relevance for bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 99, 109872	5.5	11
228	Oxidative stress and aging: correlation with clinical parameters. <i>Aging Clinical and Experimental Research</i> , 2014 , 26, 7-12	4.8	11
227	Ketamine Exhibits Different Neuroanatomical Profile After Mammalian Target of Rapamycin Inhibition in the Prefrontal Cortex: the Role of Inflammation and Oxidative Stress. <i>Molecular Neurobiology</i> , 2017 , 54, 5335-5346	6.2	11
226	A phosphodiesterase 4-controlled switch between memory extinction and strengthening in the hippocampus. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 91	3.5	11
225	Is there a role for high mobility group box 1 and the receptor for advanced glycation end products in the genesis of long-term cognitive impairment in sepsis survivors?. <i>Molecular Medicine</i> , 2012 , 18, 1357-8; author reply 1359	6.2	11
224	Imipramine reverses depressive-like parameters in pneumococcal meningitis survivor rats. <i>Journal of Neural Transmission</i> , 2012 , 119, 653-60	4.3	11
223	Effect of chronic administration of ketamine on the mitochondrial respiratory chain activity caused by chronic mild stress. <i>Acta Neuropsychiatrica</i> , 2010 , 22, 292-9	3.9	11
222	Agomelatine in the treatment of social anxiety disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010 , 34, 1357-8	5.5	11
221	Evaluation of brain creatine kinase activity in an animal model of mania induced by ouabain. <i>Journal of Neural Transmission</i> , 2010 , 117, 149-53	4.3	11
220	Brain energy metabolism parameters in an animal model of diabetes. <i>Metabolic Brain Disease</i> , 2010 , 25, 391-6	3.9	11
219	Mitochondrial respiratory chain and creatine kinase activities in mdx mouse brain. <i>Muscle and Nerve</i> , 2010 , 41, 257-60	3.4	11
218	DARPP-32 expression in rat brain after an inhibitory avoidance task. <i>Neurochemical Research</i> , 2008 , 33, 2257-62	4.6	11
217	Impairing effects of chronic haloperidol and clozapine treatment on recognition memory: possible relation to oxidative stress. <i>Schizophrenia Research</i> , 2005 , 73, 377-8	3.6	11
216	Appraising the effectiveness of electrical and magnetic brain stimulation techniques in acute major depressive episodes: an umbrella review of meta-analyses of randomized controlled trials. <i>Revista Brasileira De Psiquiatria</i> , 2021 , 43, 514-524	2.6	11
215	Chronic methylphenidate-effects over circadian cycle of young and adult rats submitted to open-field and object recognition tests. <i>Current Neurovascular Research</i> , 2009 , 6, 259-66	1.8	11
214	Interleukin-1 Receptor Antagonism Prevents Cognitive Impairment Following Experimental Bacterial Meningitis. <i>Current Neurovascular Research</i> , 2015 , 12, 253-61	1.8	11
213	Efficacy of Celecoxib Adjunct Treatment on Bipolar Disorder: Systematic Review and Meta-Analysis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019 , 18, 19-28	2.6	11
212	Evidence for additionally increased apoptosis in the peripheral blood mononuclear cells of major depressive patients with a high risk for suicide. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018 , 177, 388-396	3.5	10

211	Depression-Like Adult Behaviors may be a Long-Term Result of Experimental Pneumococcal Meningitis in Wistar Rats Infants. <i>Neurochemical Research</i> , 2016 , 41, 2771-2778	4.6	10
210	Hypericum perforatum chronic treatment affects cognitive parameters and brain neurotrophic factor levels. <i>Revista Brasileira De Psiquiatria</i> , 2018 , 40, 367-375	2.6	10
209	Strategies for Treatment-Resistant Depression: Lessons Learned from Animal Models. <i>Molecular Neuropsychiatry</i> , 2019 , 5, 178-189	4.9	10
208	Acute administration of fenproporex increased acetylcholinesterase activity in brain of young rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 1389-95	1.4	10
207	Premorbid obesity and metabolic disturbances as promising clinical targets for the prevention and early screening of bipolar disorder. <i>Medical Hypotheses</i> , 2015 , 84, 285-93	3.8	10
206	Evaluation of light/dark cycle in anxiety- and depressive-like behaviors after regular treatment with methylphenidate hydrochloride in rats of different ages. <i>Revista Brasileira De Psiquiatria</i> , 2011 , 33, 55-8	2.6	10
205	Aversive memory in sepsis survivor rats. <i>Journal of Neural Transmission</i> , 2011 , 118, 213-7	4.3	10
204	Methylphenidate alters NCS-1 expression in rat brain. <i>Neurochemistry International</i> , 2008 , 53, 12-6	4.4	10
203	NCS-1 expression in rat brain after electroconvulsive stimulation. <i>Neurochemical Research</i> , 2007 , 32, 81-5	4.6	10
202	Efficacy of folic acid as an adjunct to lithium therapy on manic-like behaviors, oxidative stress and inflammatory parameters in an animal model of mania. <i>Metabolic Brain Disease</i> , 2020 , 35, 413-425	3.9	10
201	Mechanism of synergistic action on behavior, oxidative stress and inflammation following co-treatment with ketamine and different antidepressant classes. <i>Pharmacological Reports</i> , 2017 , 69, 1094-1102	3.9	9
200	Effects of lithium and valproate on behavioral parameters and neurotrophic factor levels in an animal model of mania induced by paradoxical sleep deprivation. <i>Journal of Psychiatric Research</i> , 2019 , 119, 76-83	5.2	9
199	Peritoneal endometriosis induces time-related depressive- and anxiety-like alterations in female rats: involvement of hippocampal pro-oxidative and BDNF alterations. <i>Metabolic Brain Disease</i> , 2019 , 34, 909-925	3.9	9
198	Folic acid prevented cognitive impairment in experimental pneumococcal meningitis. <i>Journal of Neural Transmission</i> , 2015 , 122, 643-51	4.3	9
197	Evaluation of plasma biomarkers of inflammation in patients with maple syrup urine disease. <i>Journal of Inherited Metabolic Disease</i> , 2018 , 41, 631	5.4	9
196	Coadministration of lithium and celecoxib reverses manic-like behavior and decreases oxidative stress in a dopaminergic model of mania induced in rats. <i>Translational Psychiatry</i> , 2019 , 9, 297	8.6	9
195	Effects of ouabain on cytokine/chemokine levels in an animal model of mania. <i>Journal of Neuroimmunology</i> , 2014 , 276, 236-9	3.5	9
194	Effects of tamoxifen on tricarboxylic acid cycle enzymes in the brain of rats submitted to an animal model of mania induced by amphetamine. <i>Psychiatry Research</i> , 2014 , 215, 483-7	9.9	9

193	Anxious phenotypes plus environmental stressors are related to brain DNA damage and changes in NMDA receptor subunits and glutamate uptake. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015 , 772, 30-7	3.3	9
192	Modafinil effects on behavior and oxidative damage parameters in brain of wistar rats. <i>Behavioural Neurology</i> , 2014 , 2014, 917246	3	9
191	Eating disorders among health science students at a university in southern Brazil. <i>Revista De Psiquiatria Do Rio Grande Do Sul</i> , 2011 , 33, 14-19		9
190	Creatine kinase levels in patients with bipolar disorder: depressive, manic, and euthymic phases. <i>Revista Brasileira De Psiquiatria</i> , 2011 , 33, 171-5	2.6	9
189	Erythropoietin, glutamate, and neuroprotection. <i>New England Journal of Medicine</i> , 2004 , 351, 1465-6; author reply 1465-6	59.2	9
188	Is it time to conclude that NMDA antagonists have failed?. <i>Lancet Neurology, The</i> , 2003 , 2, 13; discussion 13	24.1	9
187	MAPK and memory. <i>Trends in Neurosciences</i> , 1999 , 22, 495	13.3	9
186	Energy metabolism, leptin, and biochemical parameters are altered in rats subjected to the chronic administration of olanzapine. <i>Revista Brasileira De Psiquiatria</i> , 2012 , 34, 168-75	2.6	9
185	How can we improve antidepressant adherence in the management of depression? A targeted review and 10 clinical recommendations. <i>Revista Brasileira De Psiquiatria</i> , 2021 , 43, 189-202	2.6	9
184	Inflammatory Cascade in Alzheimer's Disease Pathogenesis: A Review of Experimental Findings. <i>Cells</i> , 2021 , 10,	7.9	9
183	Temporal changes of oxidative stress markers in Escherichia coli K1-induced experimental meningitis in a neonatal rat model. <i>Neuroscience Letters</i> , 2017 , 653, 288-295	3.3	8
182	Prevention of Memory Impairment and Neurotrophic Factors Increased by Lithium in Wistar Rats Submitted to Pneumococcal Meningitis Model. <i>Mediators of Inflammation</i> , 2017 , 2017, 6490652	4.3	8
181	The Effects of Histone Deacetylase Inhibition on the Levels of Cerebral Cytokines in an Animal Model of Mania Induced by Dextroamphetamine. <i>Molecular Neurobiology</i> , 2018 , 55, 1430-1439	6.2	8
180	The Evaluation of Folic Acid-Deficient or Folic Acid-Supplemented Diet in the Gestational Phase of Female Rats and in Their Adult Offspring Subjected to an Animal Model of Schizophrenia. <i>Molecular Neurobiology</i> , 2018 , 55, 2301-2319	6.2	8
179	Omega-3 fatty acids alter behavioral and oxidative stress parameters in animals subjected to fenproporex administration. <i>Metabolic Brain Disease</i> , 2014 , 29, 185-92	3.9	8
178	Animal models of social anxiety disorder and their validity criteria. <i>Life Sciences</i> , 2014 , 114, 1-3	6.8	8
177	Differential effects of escitalopram administration on metabolic parameters of cortical and subcortical brain regions of Wistar rats. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 147-54	3.9	8
176	Evaluation of acetylcholinesterase in an animal model of mania induced by D-amphetamine. <i>Psychiatry Research</i> , 2013 , 209, 229-34	9.9	8

175	The impact of chronic mild stress on long-term depressive behavior in rats which have survived sepsis. <i>Journal of Psychiatric Research</i> , 2017 , 94, 47-53	5.2	8
174	Neurotrophins, cytokines, oxidative parameters and functionality in Progressive Muscular Dystrophies. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 1809-18	1.4	8
173	Environmental enrichment restores cognitive deficits induced by experimental childhood meningitis. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 322-9	2.6	8
172	Fluvoxamine alters the activity of energy metabolism enzymes in the brain. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 220-6	2.6	8
171	Evaluation of NCS-1, DARPP-32, and neurotrophins in hippocampus and prefrontal cortex in rats submitted to sepsis. <i>Synapse</i> , 2014 , 68, 474-9	2.4	8
170	Dexamethasone treatment reverses cognitive impairment but increases brain oxidative stress in rats submitted to pneumococcal meningitis. <i>Oxidative Medicine and Cellular Longevity</i> , 2011 , 2011, 173035	6.7	8
169	Prenatal exposure to cigarette smoke causes persistent changes in the oxidative balance and in DNA structural integrity in rats submitted to the animal model of schizophrenia. <i>Journal of Psychiatric Research</i> , 2011 , 45, 1497-503	5.2	8
168	Striatum brain-derived neurotrophic factor levels are decreased in dystrophin-deficient mice. <i>Neuroscience Letters</i> , 2009 , 459, 66-8	3.3	8
167	Prevalência de transtornos ansiosos e algumas comorbidades em idosos: um estudo de base populacional. <i>Jornal Brasileiro De Psiquiatria</i> , 2016 , 65, 28-35	0.5	8
166	Neurobiology of bipolar disorders: a review of genetic components, signaling pathways, biochemical changes, and neuroimaging findings. <i>Revista Brasileira De Psiquiatria</i> , 2020 , 42, 536-551	2.6	8
165	Antimanic activity of minocycline in a GBR12909-induced model of mania in mice: Possible role of antioxidant and neurotrophic mechanisms. <i>Journal of Affective Disorders</i> , 2018 , 225, 40-51	6.6	8
164	Predictors of Hospital Mortality and the Related Burden of Disease in Severe Traumatic Brain Injury: A Prospective Multicentric Study in Brazil. <i>Frontiers in Neurology</i> , 2019 , 10, 432	4.1	7
163	Preclinical Evidences for an Antimanic Effect of Carvedilol. <i>Neural Plasticity</i> , 2015 , 2015, 692541	3.3	7
162	Effects of pregabalin on behavioral alterations induced by ketamine in rats. <i>Revista Brasileira De Psiquiatria</i> , 2012 , 34, 329-33	2.6	7
161	Early life stress exacerbates cognitive dysfunction induced by d-amphetamine: amelioration by valproic acid. <i>Journal of Neural Transmission</i> , 2012 , 119, 627-37	4.3	7
160	α-Carboline harmine reverses the effects induced by stress on behaviour and citrate synthase activity in the rat prefrontal cortex. <i>Acta Neuropsychiatrica</i> , 2013 , 25, 328-33	3.9	7
159	Lack of association of S100β and neuron-specific enolase with mortality in critically ill patients. <i>Revista Brasileira De Psiquiatria</i> , 2013 , 35, 267-70	2.6	7
158	Brain energy metabolism is activated after acute and chronic administration of fenproporex in young rats. <i>International Journal of Developmental Neuroscience</i> , 2011 , 29, 937-42	2.7	7

157	Reduction of acetylcholinesterase activity in the brain of mdx mice. <i>Neuromuscular Disorders</i> , 2011 , 21, 359-62	2.9	7
156	Early antibiotic administration prevents cognitive impairment induced by meningitis in rats. <i>Neuroscience Letters</i> , 2009 , 465, 71-3	3.3	7
155	Effects of a gastrin-releasing peptide receptor antagonist on D-amphetamine-induced oxidative stress in the rat brain. <i>Journal of Neural Transmission</i> , 2010 , 117, 309-16	4.3	7
154	Peripheral nucleotide hydrolysis in rats submitted to a model of electroconvulsive therapy. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 1829-33	5.5	7
153	Basic fibroblast growth factor prevents the memory impairment induced by gastrin-releasing peptide receptor antagonism in area CA1 of the rat hippocampus. <i>Neurochemical Research</i> , 2007 , 32, 1381-6	4.6	7
152	Dose-related effects of propericiazine in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2003 , 36, 227-31	2.8	7
151	The Adverse Effects of Smoking on Health Outcomes in Bipolar Disorder: A Review and Synthesis of Biological Mechanisms. <i>Current Molecular Medicine</i> , 2016 , 16, 187-205	2.5	7
150	The Comorbidity of Bipolar Disorder and Migraine: The Role of Inflammation and Oxidative and Nitrosative Stress. <i>Current Molecular Medicine</i> , 2016 , 16, 179-86	2.5	7
149	Activity of Krebs cycle enzymes in mdx mice. <i>Muscle and Nerve</i> , 2016 , 53, 91-5	3.4	7
148	An exploratory study of the heterogeneity of the jealousy phenomenon and its associations with affective temperaments and psychopathological dimensions in a large Brazilian sample. <i>Journal of Affective Disorders</i> , 2017 , 212, 10-16	6.6	6
147	Acute and long-term effects of intracerebroventricular administration of β -ketoisocaproic acid on oxidative stress parameters and cognitive and noncognitive behaviors. <i>Metabolic Brain Disease</i> , 2017 , 32, 1507-1518	3.9	6
146	Methylphenidate increases glucose uptake in the brain of young and adult rats. <i>Pharmacological Reports</i> , 2015 , 67, 1033-40	3.9	6
145	Increased inflammatory biomarkers and changes in biological rhythms in bipolar disorder: A case-control study. <i>Journal of Affective Disorders</i> , 2020 , 271, 115-122	6.6	6
144	Evaluation of Na ⁺ , K ⁺ -ATPase activity in the brain of young rats after acute administration of fenproporex. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 138-42	2.6	6
143	Inhibition of acetylcholinesterase activity in brain and behavioral analysis in adult rats after chronic administration of fenproporex. <i>Metabolic Brain Disease</i> , 2012 , 27, 453-8	3.9	6
142	Retrieval mediated by hippocampal extracellular signal-regulated kinase/mitogen-activated protein kinase is required for memory strengthening. <i>Neuroscience</i> , 2009 , 160, 711-5	3.9	6
141	Changes in lipid composition in hippocampus early and late after status epilepticus induced by kainic acid in wistar rats. <i>Metabolic Brain Disease</i> , 2007 , 22, 25-9	3.9	6
140	Aversive learning under different training conditions: effects of NMDA receptor blockade in area CA1 of the hippocampus. <i>Neurochemical Research</i> , 2006 , 31, 679-83	4.6	6

139	Short- and long-term memory are differentially modulated by hippocampal nerve growth factor and fibroblast growth factor. <i>Neurochemical Research</i> , 2005 , 30, 185-90	4.6	6
138	Interaction between midazolam-induced anterograde amnesia and memory enhancement by treatments given immediately after training on an inhibitory avoidance task in rats. <i>Behavioural Pharmacology</i> , 2002 , 13, 319-22	2.4	6
137	Environmental enrichment improves lifelong persistent behavioral and epigenetic changes induced by early-life stress. <i>Journal of Psychiatric Research</i> , 2021 , 138, 107-116	5.2	6
136	Sleep pattern and locomotor activity are impaired by doxorubicin in non-tumor-bearing rats. <i>Sleep Science</i> , 2016 , 9, 232-235	1.8	6
135	New agents and perspectives in the pharmacological treatment of major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 106, 110157	5.5	6
134	Requirement of brain interleukin33 for aquaporin4 expression in astrocytes and glymphatic drainage of abnormal tau. <i>Molecular Psychiatry</i> , 2021 ,	15.1	6
133	Microbiota-Gut-Brain Communication in the SARS-CoV-2 Infection. <i>Cells</i> , 2021 , 10,	7.9	6
132	Mitophagy in depression: Pathophysiology and treatment targets. <i>Mitochondrion</i> , 2021 , 61, 1-10	4.9	6
131	Interaction between midazolam-induced anterograde amnesia and memory enhancement by treatments given hours later in hippocampus, entorhinal cortex or posterior parietal cortex. <i>Behavioural Pharmacology</i> , 1998 , 9, 163-7	2.4	6
130	Determinants for Meaningful Clinical Improvement of Pain and Health-Related Quality of Life After Spinal Cord Stimulation for Chronic Intractable Pain. <i>Neuromodulation</i> , 2019 , 22, 280-289	3.1	5
129	Sickness Behavior Score Is Associated with Neuroinflammation and Late Behavioral Changes in Polymicrobial Sepsis Animal Model. <i>Inflammation</i> , 2020 , 43, 1019-1034	5.1	5
128	Klebsiella pneumoniae meningitis induces memory impairment and increases pro-inflammatory host response in the central nervous system of Wistar rats. <i>Journal of Medical Microbiology</i> , 2014 , 63, 111-117	3.2	5
127	Brain energy metabolism is increased by chronic administration of bupropion. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 115-21	3.9	5
126	In vitro effect of antipsychotics on brain energy metabolism parameters in the brain of rats. <i>Acta Neuropsychiatrica</i> , 2013 , 25, 18-26	3.9	5
125	Increased on oxidative brain injury in the diabetic rats following sepsis. <i>Synapse</i> , 2014 , 68, 410-8	2.4	5
124	DNA damage after intracerebroventricular injection of ouabain in rats. <i>Neuroscience Letters</i> , 2010 , 471, 6-9	3.3	5
123	Cerebral DARPP-32 expression after methylphenidate administration in young and adult rats. <i>International Journal of Developmental Neuroscience</i> , 2009 , 27, 1-7	2.7	5
122	The gastrin-releasing peptide receptor as a therapeutic target in central nervous system disorders. <i>Recent Patents on CNS Drug Discovery</i> , 2007 , 2, 125-9		5

121	Glial fibrillary acidic protein expression after electroconvulsive shocks in rat brain. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006 , 30, 663-7	5.5	5
120	Personalidade psicopática em uma amostra de adolescentes infratores brasileiros. <i>Revista De Psiquiatria Clinica</i> , 2006 , 33, 297-303	0.8	5
119	Pharmacological activity of ruthenium complexes trans-[RuCl(2)(L)4] (L = nicotinic or i-nicotinic acid) on anxiety and memory in rats. <i>Neurochemical Research</i> , 2006 , 31, 1457-62	4.6	5
118	Antioxidant Therapy Alters Brain MAPK-JNK and BDNF Signaling Pathways in Experimental Diabetes Mellitus. <i>Current Neurovascular Research</i> , 2016 , 13, 107-14	1.8	5
117	Stress and serum cortisol levels in major depressive disorder: a cross-sectional study. <i>AIMS Neuroscience</i> , 2020 , 7, 459-469	1.7	5
116	Dysregulation of mitochondrial dynamics, mitophagy and apoptosis in major depressive disorder: Does inflammation play a role?. <i>Molecular Psychiatry</i> , 2021 ,	15.1	5
115	The Role of Mitochondria in Mood Disorders: From Physiology to Pathophysiology and to Treatment. <i>Frontiers in Psychiatry</i> , 2021 , 12, 546801	5	5
114	Affective temperaments and emotional traits are associated with a positive screening for premenstrual dysphoric disorder. <i>Comprehensive Psychiatry</i> , 2016 , 71, 33-38	7.3	5
113	HDAC inhibitors reverse mania-like behavior and modulate epigenetic regulatory enzymes in an animal model of mania induced by Ouabain. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 193, 1729173-9	3.9	5
112	Protein kinase C isoforms as a target for manic-like behaviors and oxidative stress in a dopaminergic animal model of mania. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 101, 109940	5.5	5
111	The Role of Neurotrophic Factors in Pathophysiology of Major Depressive Disorder. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1305, 257-272	3.6	5
110	Omega-3 Fatty Acids and Mood Stabilizers Alter Behavioural and Energy Metabolism Parameters in Animals Subjected to an Animal Model of Mania Induced by Fenproporex. <i>Molecular Neurobiology</i> , 2017 , 54, 3935-3947	6.2	4
109	Omega-3 fatty acids and mood stabilizers alter behavioral and oxidative stress parameters in animals subjected to fenproporex administration. <i>Metabolic Brain Disease</i> , 2017 , 32, 519-528	3.9	4
108	Effects of lithium and valproate on ERK/JNK signaling pathway in an animal model of mania induced by amphetamine. <i>Heliyon</i> , 2019 , 5, e01541	3.6	4
107	Staging Models and Functional Outcomes in Bipolar Disorder: Clinical Implications. <i>Current Treatment Options in Psychiatry</i> , 2015 , 2, 205-217	3.1	4
106	Maternal Deprivation? 2017 ,		4
105	Antioxidants Reverse the Changes in the Cholinergic System Caused by L-Tyrosine Administration in Rats. <i>Neurotoxicity Research</i> , 2018 , 34, 769-780	4.3	4
104	Effects of ketamine on prepubertal Wistar rats: Implications on behavioral parameters for Childhood-Onset Schizophrenia. <i>International Journal of Developmental Neuroscience</i> , 2019 , 79, 49-53	2.7	4

103	Switching from oral risperidone to flexibly dosed oral paliperidone extended-release: core symptoms, satisfaction, and quality of life in patients with stable but symptomatic schizophrenia: the RISPALI study. <i>Current Medical Research and Opinion</i> , 2014 , 30, 695-709	2.5	4
102	Central nervous system involvement in the animal model of myodystrophy. <i>Molecular Neurobiology</i> , 2013 , 48, 71-7	6.2	4
101	The different effects of lithium and tamoxifen on memory formation and the levels of neurotrophic factors in the brain of male and female rats. <i>Brain Research Bulletin</i> , 2017 , 134, 228-235	3.9	4
100	Effect of cigarette smoke exposure in the behavioral changes induced by ketamine. <i>Schizophrenia Research</i> , 2012 , 141, 104-5	3.6	4
99	Oxidative damage in the rat hippocampus and cortex after meningitis induced by Streptococcus pneumoniae. <i>BMC Proceedings</i> , 2008 , 2,	2.3	4
98	Brazilian Psychiatric Association guidelines for the management of suicidal behavior. Part 1. Risk factors, protective factors, and assessment. <i>Revista Brasileira De Psiquiatria</i> , 2021 , 43, 525-537	2.6	4
97	Brazilian Psychiatric Association guidelines for the management of suicidal behavior. Part 2. Screening, intervention, and prevention. <i>Revista Brasileira De Psiquiatria</i> , 2021 , 43, 538-549	2.6	4
96	Perfil epidemiológico do suicídio no extremo oeste do estado de Santa Catarina, Brasil. <i>Revista De Psiquiatria Do Rio Grande Do Sul</i> , 2008 , 30, 115-123		4
95	Clinical Outcomes in Children and Adolescents With Bipolar Disorder and Substance Use Disorder Comorbidity. <i>Journal of Clinical Psychiatry</i> , 2017 , 78, e230-e233	4.6	4
94	Grey matter volume abnormalities in the first depressive episode of medication-naïve adult individuals: a systematic review of voxel based morphometric studies. <i>International Journal of Psychiatry in Clinical Practice</i> , 2021 , 25, 407-420	2.4	4
93	Phosphodiesterase-5 inhibitors: Shedding new light on the darkness of depression?. <i>Journal of Affective Disorders</i> , 2020 , 264, 138-149	6.6	4
92	Evaluation of the arachidonic acid pathway in bipolar disorder: a systematic review. <i>Molecular Biology Reports</i> , 2020 , 47, 8209-8217	2.8	4
91	Deep brain stimulation of the "medial forebrain bundle": a strategy to modulate the reward system and manage treatment-resistant depression. <i>Molecular Psychiatry</i> , 2021 ,	15.1	4
90	Behavior and oxidative stress parameters in rats subjected to the animal's models induced by chronic mild stress and 6-hydroxydopamine. <i>Behavioural Brain Research</i> , 2021 , 406, 113226	3.4	4
89	Sex-related patterns of the gut-microbiota-brain axis in the neuropsychiatric conditions. <i>Brain Research Bulletin</i> , 2021 , 171, 196-208	3.9	4
88	Mitochondrial dysfunction as a critical event in the pathophysiology of bipolar disorder. <i>Mitochondrion</i> , 2021 , 57, 23-36	4.9	4
87	Ketamine treatment protects against oxidative damage and the immunological response induced by electroconvulsive therapy. <i>Pharmacological Reports</i> , 2021 , 73, 525-535	3.9	4
86	Behavioral Responses in Animal Model of Congenital Muscular Dystrophy 1D. <i>Molecular Neurobiology</i> , 2016 , 53, 402-407	6.2	3

85	Increased risk of developing schizophrenia in animals exposed to cigarette smoke during the gestational period. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 75, 199-206	5.5	3
84	Resveratrol protects the brain against oxidative damage in a dopaminergic animal model of mania. <i>Metabolic Brain Disease</i> , 2019 , 34, 941-950	3.9	3
83	Effect of sepsis on behavioral changes on the ketamine-induced animal model of schizophrenia. <i>Journal of Neuroimmunology</i> , 2015 , 281, 78-82	3.5	3
82	The anti-aging effects of lithium in lymphoblastoid cell lines from patients with bipolar disorder and controls. <i>Journal of Psychiatric Research</i> , 2020 , 128, 38-42	5.2	3
81	Early life neuroimmune challenge protects the brain after sepsis in adult rats. <i>Neurochemistry International</i> , 2020 , 135, 104712	4.4	3
80	Animal Models of Mood Disorders: Focus on Bipolar Disorder and Depression 2017 , 991-1001		3
79	Decreased BDNF levels in amygdala and hippocampus after intracerebroventricular administration of ouabain. <i>Revista De Psiquiatria Clinica</i> , 2012 , 39, 157-160	0.8	3
78	Inibiçã da atividade da citrato sintase cerebral em um modelo animal de sepse. <i>Revista Brasileira De Terapia Intensiva</i> , 2011 , 23, 158-163	1.2	3
77	Effects of acute treatment with amphetamine in locomotor activity in sepsis survivor rats. <i>Journal of Neuroimmunology</i> , 2009 , 212, 145-7	3.5	3
76	NMDA receptors might be involved in the impairing effects of procyclidine on cognition. <i>Journal of Clinical Psychopharmacology</i> , 2003 , 23, 666-7; author reply 667-8	1.7	3
75	Dexamethasone therapy and memory performance. <i>Intensive Care Medicine</i> , 2005 , 31, 1001	14.5	3
74	Increased training prevents the impairing effect of intra-amygdala infusion of the non-NMDA receptor antagonist CNQX on inhibitory avoidance expression. <i>Brazilian Journal of Medical and Biological Research</i> , 1999 , 32, 349-53	2.8	3
73	RBP increases its impact factor again and is progressively more cited in other journals. <i>Revista Brasileira De Psiquiatria</i> , 2011 , 33, 218-218	2.6	3
72	Protection of blood brain barrier integrity and modulation of inflammatory mediators during treatment of pneumococcal meningitis with daptomycin or ceftriaxone. <i>Current Neurovascular Research</i> , 2014 , 11, 210-22	1.8	3
71	Inflammation as a Mechanism of Bipolar Disorder Neuroprogression. <i>Current Topics in Behavioral Neurosciences</i> , 2021 , 48, 215-237	3.4	3
70	Role of epigenetic regulatory enzymes in animal models of mania induced by amphetamine and paradoxical sleep deprivation. <i>European Journal of Neuroscience</i> , 2021 , 53, 649-662	3.5	3
69	Implications of the COVID-19 pandemic for people with bipolar disorders: A scoping review. <i>Journal of Affective Disorders</i> , 2021 , 295, 740-751	6.6	3
68	Effects of acute and chronic administration of fenproporex on DNA damage parameters in young and adult rats. <i>Molecular and Cellular Biochemistry</i> , 2013 , 380, 171-6	4.2	2

67	mTOR signaling in the neuropathophysiology of depression: current evidence. <i>Journal of Receptor, Ligand and Channel Research</i> , 2015 , 65		2
66	Translational Research in Bipolar Disorders. <i>Neural Plasticity</i> , 2015 , 2015, 576978	3.3	2
65	Epidemiological profile of suicide in the Santa Catarina Coal Mining Region from 1980 to 2007. <i>Trends in Psychiatry and Psychotherapy</i> , 2013 , 35, 128-33	2.3	2
64	Mitochondrial respiratory chain activity in an animal model of mania induced by ouabain. <i>Acta Neuropsychiatrica</i> , 2011 , 23, 106-11	3.9	2
63	Evoked potentials for the evaluation of latent hepatic encephalopathy in pediatric liver transplant candidates. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000 , 31, 371-6	2.8	2
62	Drugs acting at the glycine site on the NMDA receptor as cognitive enhancers in patients with Alzheimer's disease. <i>Neurology</i> , 1998 , 50, 1195	6.5	2
61	Cognitive dysfunction in depression: lessons learned from animal models. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014 , 13, 1860-70	2.6	2
60	Immune System Modulators with Antidepressant Effects: Evidence from Animal Models. <i>CNS and Neurological Disorders - Drug Targets</i> , 2017 , 16, 398-406	2.6	2
59	Ouabain induces memory impairment and alter the BDNF signaling pathway in an animal model of bipolar disorder: Cognitive and neurochemical alterations in BD model. <i>Journal of Affective Disorders</i> , 2021 , 282, 1195-1202	6.6	2
58	Depressive disorders and comorbidities among the elderly: a population-based study. <i>Revista Brasileira De Geriatria E Gerontologia</i> , 2016 , 19, 95-103	0.8	2
57	Intracellular Signaling Pathways Implicated in the Pathophysiology of Depression 2019 , 97-109		2
56	Sex differences on the behavior and oxidative stress after ketamine treatment in adult rats subjected to early life stress. <i>Brain Research Bulletin</i> , 2021 , 172, 129-138	3.9	2
55	Inhibition of brain citrate synthase activity in an animal model of sepsis. <i>Revista Brasileira De Terapia Intensiva</i> , 2011 , 23, 158-63	1.2	2
54	Pre-clinical investigation of Diabetes Mellitus as a risk factor for schizophrenia. <i>Behavioural Brain Research</i> , 2017 , 326, 154-164	3.4	1
53	Tamoxifen has an anti-manic effect but not protect the brain against oxidative stress in an animal model of mania induced by ouabain. <i>Journal of Psychiatric Research</i> , 2019 , 113, 181-189	5.2	1
52	Effects of chronic administration of fenproporex on cognitive and non-cognitive behaviors. <i>Metabolic Brain Disease</i> , 2015 , 30, 583-8	3.9	1
51	3,4-Dihydroxybenzalacetone (DBL) Prevents Aging-Induced Myocardial Changes in Senescence-Accelerated Mouse-Prone 8 (SAMP8) Mice. <i>Cells</i> , 2020 , 9,	7.9	1
50	Tools for studying drug transport and metabolism in the brain. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016 , 12, 161-8	5.5	1

49	Post-traumatic stress disorder and interleukin 6 - Authors' reply. <i>Lancet Psychiatry</i> , 2016 , 3, 202	23.3	1
48	High Exploratory Phenotype Rats Exposed to Environmental Stressors Present Memory Deficits Accompanied by Immune-Inflammatory/Oxidative Alterations: Relevance to the Relationship Between Temperament and Mood Disorders. <i>Frontiers in Psychiatry</i> , 2019 , 10, 547	5	1
47	Brain markers of neurodegeneration in sepsis survivor rats. <i>Critical Care</i> , 2013 , 17, P87	10.8	1
46	Inhibitory avoidance task does not change NCS-1 level in rat brain. <i>Brain Research Bulletin</i> , 2010 , 82, 289-93	3.9	1
45	Mangifera indica extract (Vimang) impairs aversive memory without affecting open field behaviour or habituation in rats. <i>Phytotherapy Research</i> , 2009 , 23, 859-62	6.7	1
44	Lack of effect of dopaminergic antagonists in a rodent model of peritoneal sepsis. <i>Cell Biology International</i> , 2007 , 31, 1036-41	4.5	1
43	Brain uptake of iomazenil in cirrhotic patients: a single photon emission tomography study. <i>Journal of Psychopharmacology</i> , 1999 , 13, 219-25	4.6	1
42	Contributions of epigenetic inheritance to the predisposition of major psychiatric disorders: theoretical framework, evidence, and implications.. <i>Neuroscience and Biobehavioral Reviews</i> , 2022 , 135, 104579	9	1
41	One more step to increase the internationalization and visibility of the RBP Psychiatry. <i>Revista Brasileira De Psiquiatria</i> , 2011 , 33, 317-317	2.6	1
40	Ammonia exposition during gestation induces neonatal oxidative damage in the brain and long-term cognitive alteration in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20190925	1.4	1
39	Environmental Enrichment Rescues Oxidative Stress and Behavioral Impairments Induced by Maternal Care Deprivation: Sex- and Developmental-Dependent Differences. <i>Molecular Neurobiology</i> , 2021 ,	6.2	1
38	Alterations in plasma kynurenine pathway metabolites in children and adolescents with bipolar disorder and unaffected offspring of bipolar parents: A preliminary study. <i>Bipolar Disorders</i> , 2021 , 23, 689-696	3.8	1
37	The impact of early life stress and immune challenge on behavior and glia cells alteration in late adolescent rats. <i>International Journal of Developmental Neuroscience</i> , 2021 , 81, 407-415	2.7	1
36	Pathophysiological Mechanisms of Huntington's Disease 2019 , 49-60		1
35	Oral administration of D-galactose increases brain tricarboxylic acid cycle enzymes activities in Wistar rats. <i>Metabolic Brain Disease</i> , 2021 , 36, 1057-1067	3.9	1
34	The effect of paroxetine, venlafaxine and bupropion administration alone and combined on spatial and aversive memory performance in rats. <i>Pharmacological Reports</i> , 2018 , 70, 1173-1179	3.9	1
33	Telomeres: the role of shortening and senescence in major depressive disorder and its therapeutic implications. <i>Reviews in the Neurosciences</i> , 2021 ,	4.7	1
32	A narrative review on invasive brain stimulation for treatment-resistant depression. <i>Revista Brasileira De Psiquiatria</i> , 2021 ,	2.6	1

31	Age-related effects of diazepam on retention of inhibitory avoidance and shuttle avoidance tasks in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 1997 , 69, 89-93	1.4	1
30	Reply to Kaufman. <i>Intensive Care Medicine</i> , 2009 , 35, 577-577	14.5	0
29	Combination of electroconvulsive stimulation with ketamine or escitalopram protects the brain against inflammation and oxidative stress induced by maternal deprivation and is critical for associated behaviors in male and female rats.. <i>Molecular Neurobiology</i> , 2022 , 59, 1452	6.2	0
28	Imipramine induces hyperactivity in rats pretreated with ouabain: Implications to the mania switch induced by antidepressants.. <i>Journal of Affective Disorders</i> , 2021 , 299, 425-434	6.6	0
27	Differential role of entorhinal and hippocampal nerve growth factor in short- and long-term memory modulation. <i>Brazilian Journal of Medical and Biological Research</i> , 2005 , 38, 55-8	2.8	0
26	Essential genes from genome-wide screenings as a resource for neuropsychiatric disorders gene discovery. <i>Translational Psychiatry</i> , 2021 , 11, 317	8.6	0
25	Haloperidol elicits oxidative damage in the brain of rats submitted to the ketamine-induced model of schizophrenia. <i>Brain Research Bulletin</i> , 2021 , 170, 246-253	3.9	0
24	Significant reduction in depressive symptoms among patients with moderately-severe to severe depressive symptoms after participation in a therapist-supported, evidence-based mobile health program delivered via a smartphone app. <i>Internet Interventions</i> , 2021 , 25, 100408	4.4	0
23	Blood-brain barrier dysfunction in bipolar disorder: Molecular mechanisms and clinical implications.. <i>Brain, Behavior, & Immunity - Health</i> , 2022 , 21, 100441	5.1	0
22	New Perspective on mTOR Pathways: A New Target of Depression 2018 , 107-114		
21	Staging models and neuroprogression in bipolar disorder 2018 , 27-32		
20	Effects of maintenance electroshock on mitochondrial respiratory chain and creatine kinase activities in the rat brain. <i>Acta Neuropsychiatrica</i> , 2012 , 24, 275-85	3.9	
19	Energy metabolism, leptin, and biochemical parameters are altered in rats subjected to the chronic administration of olanzapine. <i>Revista Brasileira De Psiquiatria</i> , 2012 , 34, 168-175	2.6	
18	Methylphenidate treatment affects mitogen-activated protein kinase activation in the striatum of young rats. <i>Acta Neuropsychiatrica</i> , 2013 , 25, 235-9	3.9	
17	A Lowered Incidence of Severe Encephalopathy and Cardiovascular Dysfunction. <i>Critical Care Medicine</i> , 2005 , 33, 1181-1182	1.4	
16	Behavioral models of bipolar disorder 2022 , 63-80		
15	Deep Brain Stimulation for Treatment-Resistant Depression. <i>Neuromethods</i> , 2022 , 357-372	0.4	
14	Modelo animal de mania induzido por anfetamina como método de identificação de novos alvos terapêuticos para o transtorno bipolar. <i>Revista Debates Em Psiquiatria</i> , 2014 , 4, 6-14	0	

13	Prevalência de fatores de risco de suicídio em uma população de idosos no sul de Santa Catarina: Um estudo de base populacional. <i>Brazilian Journal of Development</i> , 2019 , 5, 30285-30297	0
12	Association between Experimental Bacterial Meningitis and Periapical Lesion. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2015 , 9, DF01-3	0
11	Biomarkers in first-degree relatives of patients with bipolar disorder: what can they tell us?. <i>Revista Brasileira De Psiquiatria</i> , 2017 , 39, 277-278	2.6
10	Effects of maternal folic acid supplementation on nuclear methyltransferase activity of adult rats subjected to an animal model of schizophrenia. <i>International Journal of Developmental Neuroscience</i> , 2021 , 81, 461-467	2.7
9	The Greater Houston Area Bipolar Registry-Clinical and Neurobiological Trajectories of Children and Adolescents With Bipolar Disorders and High-Risk Unaffected Offspring. <i>Frontiers in Psychiatry</i> , 2021 , 12, 671840	5
8	The Role of mTOR in Mood Disorders Pathophysiology and Treatment 2016 , 205-214	
7	Neuro-Immune Interactions in Depression: Mechanisms and Translational Implications 2019 , 75-88	
6	The evolution of animal models for bipolar disorder 2021 , 109-115	
5	Psychopharmacology Algorithms for Major Depressive Disorder: Current Status. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1305, 429-445	3.6
4	Mitochondrial pathways in bipolar disorder: Mechanisms and implications 2021 , 61-69	
3	Behavioral alterations are independent of previous generalized anxiety in experimental sepsis. <i>Neurology Psychiatry and Brain Research</i> , 2018 , 30, 144-147	2.1
2	Effects of low-intensity training on the brain and muscle in the congenital muscular dystrophy 1D model.. <i>Neurological Sciences</i> , 2022 , 1	3.5
1	Concomitant deep brain stimulation and vagus nerve stimulation for treatment-resistant depression: a case report. <i>Revista Brasileira De Psiquiatria</i> , 2021 ,	2.6