

Giselli Scaini

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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.

145
papers

2,605
citations

27
h-index

40
g-index

156
ext. papers

3,136
ext. citations

4.1
avg, IF

4.78
L-index

#	Paper	IF	Citations
145	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
144	Mitochondrial dysfunction in bipolar disorder: Evidence, pathophysiology and translational implications. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 68, 694-713	9	91
143	Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder. <i>Translational Psychiatry</i> , 2017 , 7, 1283	8.6	72
142	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
141	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
140	Behavioral and neurochemical effects of sodium butyrate in an animal model of mania. <i>Behavioural Pharmacology</i> , 2011 , 22, 766-72	2.4	56
139	Mitochondrial respiratory chain in the colonic mucosal of patients with ulcerative colitis. <i>Molecular and Cellular Biochemistry</i> , 2010 , 342, 111-5	4.2	50
138	Brain creatine kinase activity in an animal model of mania. <i>Life Sciences</i> , 2008 , 82, 424-9	6.8	49
137	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
136	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
135	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
134	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
133	Maternal immune activation induced by lipopolysaccharide triggers immune response in pregnant mother and fetus, and induces behavioral impairment in adult rats. <i>Journal of Psychiatric Research</i> , 2018 , 100, 71-83	5.2	37
132	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
131	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
130	Effects of the HIV treatment drugs nevirapine and efavirenz on brain creatine kinase activity. <i>Metabolic Brain Disease</i> , 2008 , 23, 485-92	3.9	34
129	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

128	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
127	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
126	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
125	Activity of mitochondrial respiratory chain is increased by chronic administration of antidepressants. <i>Acta Neuropsychiatrica</i> , 2011 , 23, 112-8	3.9	31
124	L-tyrosine administration increases acetylcholinesterase activity in rats. <i>Neurochemistry International</i> , 2012 , 61, 1370-4	4.4	30
123	Brain creatine kinase activity is increased by chronic administration of paroxetine. <i>Brain Research Bulletin</i> , 2009 , 80, 327-30	3.9	30
122	Ketamine potentiates oxidative stress and influences behavior and inflammation in response to lipopolysaccharide (LPS) exposure in early life. <i>Neuroscience</i> , 2017 , 353, 17-25	3.9	28
121	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
120	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
119	Molecular Mechanisms Underlying the Anti-depressant Effects of Resveratrol: a Review. <i>Molecular Neurobiology</i> , 2018 , 55, 4543-4559	6.2	27
118	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
117	Treadmill training increases SIRT-1 and PGC-1 β protein levels and AMPK phosphorylation in quadriceps of middle-aged rats in an intensity-dependent manner. <i>Mediators of Inflammation</i> , 2014 , 2014, 987017	4.3	26
116	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
115	Homocysteine induces energy imbalance in rat skeletal muscle: is creatine a protector?. <i>Cell Biochemistry and Function</i> , 2013 , 31, 575-84	4.2	24
114	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
113	Inhibition of brain creatine kinase activity after renal ischemia is attenuated by N-acetylcysteine and deferoxamine administration. <i>Neuroscience Letters</i> , 2008 , 434, 139-43	3.3	24
112	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
111	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

110	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
109	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
108	Accelerated hippocampal biological aging in bipolar disorder. <i>Bipolar Disorders</i> , 2020 , 22, 498-507	3.8 23
107	L-tyrosine induces DNA damage in brain and blood of rats. <i>Neurochemical Research</i> , 2014 , 39, 202-7	4.6 22
106	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
105	Toxicity of octanoate and decanoate in rat peripheral tissues: evidence of bioenergetic dysfunction and oxidative damage induction in liver and skeletal muscle. <i>Molecular and Cellular Biochemistry</i> , 2012 , 361, 329-35	4.2 22
104	DNA damage in an animal model of maple syrup urine disease. <i>Molecular Genetics and Metabolism</i> , 2012 , 106, 169-74	3.7 22
103	Non-nucleoside reverse transcriptase inhibitors efavirenz and nevirapine inhibit cytochrome C oxidase in mouse brain regions. <i>Neurochemical Research</i> , 2011 , 36, 962-6	4.6 22
102	Effects of N-acetylcysteine/deferrioxamine, taurine and RC-3095 on respiratory chain complexes and creatine kinase activities in rat brain after sepsis. <i>Neurochemical Research</i> , 2010 , 35, 515-21	4.6 22
101	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
100	Methylphenidate increases creatine kinase activity in the brain of young and adult rats. <i>Life Sciences</i> , 2008 , 83, 795-800	6.8 21
99	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
98	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
97	Acute and chronic administration of the branched-chain amino acids decreases nerve growth factor in rat hippocampus. <i>Molecular Neurobiology</i> , 2013 , 48, 581-9	6.2 19
96	Evaluation of mitochondrial respiratory chain in the brain of rats after pneumococcal meningitis. <i>Brain Research Bulletin</i> , 2010 , 82, 302-7	3.9 19
95	In vitro effect of silver nanoparticles on creatine kinase activity. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 1556-1560	1.5 19
94	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
93	Methylphenidate Causes Behavioral Impairments and Neuron and Astrocyte Loss in the Hippocampus of Juvenile Rats. <i>Molecular Neurobiology</i> , 2017 , 54, 4201-4216	6.2 18

92	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
91	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
90	DNA damage induced by phenylalanine and its analogue p-chlorophenylalanine in blood and brain of rats subjected to a model of hyperphenylalaninemia. <i>Biochemistry and Cell Biology</i> , 2013 , 91, 319-24	3.6	18
89	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
88	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
87	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
86	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
85	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
84	Olanzapine plus fluoxetine treatment alters mitochondrial respiratory chain activity in the rat brain. <i>Acta Neuropsychiatrica</i> , 2011 , 23, 282-91	3.9	17
83	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
82	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
81	Effect of L-tyrosine in vitro and in vivo on energy metabolism parameters in brain and liver of young rats. <i>Neurotoxicity Research</i> , 2013 , 23, 327-35	4.3	16
80	Clozapine Prevents Poly (I:C) Induced Inflammation by Modulating NLRP3 Pathway in Microglial Cells. <i>Cells</i> , 2020 , 9,	7.9	15
79	Effects of primaquine and chloroquine on oxidative stress parameters in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 1487-96	1.4	15
78	Evaluation of acetylcholinesterase in an animal model of maple syrup urine disease. <i>Molecular Neurobiology</i> , 2012 , 45, 279-86	6.2	15
77	Inhibition of mitochondrial respiratory chain in the brain of rats after hepatic failure induced by acetaminophen. <i>Molecular and Cellular Biochemistry</i> , 2011 , 350, 149-54	4.2	15
76	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
75	Serum Markers of Neurodegeneration in Maple Syrup Urine Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 5709-5719	6.2	14

74	Coadministration of branched-chain amino acids and lipopolysaccharide causes matrix metalloproteinase activation and blood-brain barrier breakdown. <i>Molecular Neurobiology</i> , 2014 , 50, 358-67	6.2	14
73	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
72	Cerebral Oedema, Blood-Brain Barrier Breakdown and the Decrease in Na(+),K(+)-ATPase Activity in the Cerebral Cortex and Hippocampus are Prevented by Dexamethasone in an Animal Model of Maple Syrup Urine Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 3714-3723	6.2	12
71	The characterization of neuroenergetic effects of chronic L-tyrosine administration in young rats: evidence for striatal susceptibility. <i>Metabolic Brain Disease</i> , 2015 , 30, 215-21	3.9	12
70	An evaluation of the effects of acute and chronic L-tyrosine administration on BDNF levels and BDNF mRNA expression in the rat brain. <i>Molecular Neurobiology</i> , 2014 , 49, 734-40	6.2	12
69	The decrease on Na(+), K(+)-ATPase activity in the cortex, but not in hippocampus, is reverted by antioxidants in an animal model of sepsis. <i>Molecular Neurobiology</i> , 2012 , 46, 467-74	6.2	12
68	Behavioral responses in rats submitted to chronic administration of branched-chain amino acids. <i>JIMD Reports</i> , 2014 , 13, 159-67	1.9	12
67	Mecanismos básicos da encefalopatia urêmica. <i>Revista Brasileira De Terapia Intensiva</i> , 2010 , 22, 206-211	1.2	12
66	Antioxidants reverse the changes in energy metabolism of rat brain after chronic administration of L-tyrosine. <i>Metabolic Brain Disease</i> , 2017 , 32, 557-564	3.9	11
65	Maternal Hypermethioninemia Affects Neurons Number, Neurotrophins Levels, Energy Metabolism, and Na,K-ATPase Expression/Content in Brain of Rat Offspring. <i>Molecular Neurobiology</i> , 2018 , 55, 980-988	6.2	11
64	Brain creatine kinase activity is inhibited after hepatic failure induced by carbon tetrachloride or acetaminophen. <i>Metabolic Brain Disease</i> , 2009 , 24, 383-94	3.9	11
63	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
62	Brain energy metabolism parameters in an animal model of diabetes. <i>Metabolic Brain Disease</i> , 2010 , 25, 391-6	3.9	11
61	Mitochondrial respiratory chain and creatine kinase activities in mdx mouse brain. <i>Muscle and Nerve</i> , 2010 , 41, 257-60	3.4	11
60	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
59	Intracerebroventricular administration of β-ketoisocaproic acid decreases brain-derived neurotrophic factor and nerve growth factor levels in brain of young rats. <i>Metabolic Brain Disease</i> , 2016 , 31, 377-83	3.9	10
58	Mitochondrial respiratory chain and creatine kinase activities following trauma brain injury in brain of mice preconditioned with N-methyl-D-aspartate. <i>Molecular and Cellular Biochemistry</i> , 2013 , 384, 129-37	4.2	10
57	Acute administration of fenproporex increased acetylcholinesterase activity in brain of young rats. <i>Anais Da Academia Brasileira De Ciências</i> , 2015 , 87, 1389-95	1.4	10

56	Brain creatine kinase activity after meningitis induced by <i>Streptococcus pneumoniae</i> . <i>Brain Research Bulletin</i> , 2009 , 80, 85-8	3.9	10
55	Omega-3 fatty acid supplementation decreases DNA damage in brain of rats subjected to a chemically induced chronic model of Tyrosinemia type II. <i>Metabolic Brain Disease</i> , 2017 , 32, 1043-1050	3.9	9
54	Administration of branched-chain amino acids alters the balance between pro-inflammatory and anti-inflammatory cytokines. <i>International Journal of Developmental Neuroscience</i> , 2016 , 48, 24-30	2.7	9
53	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
52	Methylmalonic acid administration induces DNA damage in rat brain and kidney. <i>Molecular and Cellular Biochemistry</i> , 2014 , 391, 137-45	4.2	9
51	Effect of acute and chronic administration of L-tyrosine on nerve growth factor levels in rat brain. <i>Neurochemical Research</i> , 2013 , 38, 1742-6	4.6	9
50	Inhibition of mitochondrial respiratory chain in the brain of rats after renal ischemia is prevented by N-acetylcysteine and deferoxamine. <i>Metabolic Brain Disease</i> , 2010 , 25, 219-25	3.9	9
49	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
48	Neuroinflammation trajectories precede cognitive impairment after experimental meningitis-evidence from an in vivo PET study. <i>Journal of Neuroinflammation</i> , 2020 , 17, 5	10.1	9
47	Role of antioxidant treatment on DNA and lipid damage in the brain of rats subjected to a chemically induced chronic model of tyrosinemia type II. <i>Molecular and Cellular Biochemistry</i> , 2017 , 435, 207-214	4.2	8
46	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
45	Apoptotic signaling pathways induced by acute administration of branched-chain amino acids in an animal model of maple syrup urine disease. <i>Metabolic Brain Disease</i> , 2017 , 32, 115-122	3.9	8
44	Fluvoxamine alters the activity of energy metabolism enzymes in the brain. <i>Revista Brasileira De Psiquiatria</i> , 2014 , 36, 220-6	2.6	8
43	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
42	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
41	Omega-3 fatty acid supplementation can prevent changes in mitochondrial energy metabolism and oxidative stress caused by chronic administration of L-tyrosine in the brain of rats. <i>Metabolic Brain Disease</i> , 2019 , 34, 1207-1219	3.9	7
40	Acute Administration of Branched-Chain Amino Acids Increases the Pro-BDNF/Total-BDNF Ratio in the Rat Brain. <i>Neurochemical Research</i> , 2015 , 40, 885-93	4.6	7
39	5-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

38	Activity of Krebs cycle enzymes in mdx mice. <i>Muscle and Nerve</i> , 2016 , 53, 91-5	3.4	7
37	Mechanisms underlying uremic encephalopathy. <i>Revista Brasileira De Terapia Intensiva</i> , 2010 , 22, 206-11	1.2	7
36	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
35	Methylphenidate increases glucose uptake in the brain of young and adult rats. <i>Pharmacological Reports</i> , 2015 , 67, 1033-40	3.9	6
34	N-acetylcysteine effects on a murine model of chronic critical limb ischemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 454-463	6.9	6
33	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
32	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
31	Acute renal failure potentiates brain energy dysfunction elicited by methylmalonic acid. <i>International Journal of Developmental Neuroscience</i> , 2013 , 31, 245-9	2.7	6
30	Evaluation of brain and kidney energy metabolism in an animal model of contrast-induced nephropathy. <i>Metabolic Brain Disease</i> , 2011 , 26, 115-22	3.9	6
29	Mitophagy in depression: Pathophysiology and treatment targets. <i>Mitochondrion</i> , 2021 , 61, 1-10	4.9	6
28	Evidence that 3-hydroxy-3-methylglutaric and 3-methylglutaric acids induce DNA damage in rat striatum. <i>Metabolic Brain Disease</i> , 2015 , 30, 1055-62	3.9	5
27	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
26	Modulation of creatine kinase activity by ruthenium complexes. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 267-73	4.2	5
25	Dysregulation of mitochondrial dynamics, mitophagy and apoptosis in major depressive disorder: Does inflammation play a role?. <i>Molecular Psychiatry</i> , 2021 ,	15.1	5
24	The Role of Mitochondria in Mood Disorders: From Physiology to Pathophysiology and to Treatment. <i>Frontiers in Psychiatry</i> , 2021 , 12, 546801	5	5
23	Stanniocalcin 1 Inhibits the Inflammatory Response in Microglia and Protects Against Sepsis-Associated Encephalopathy. <i>Neurotoxicity Research</i> , 2021 , 39, 119-132	4.3	5
22	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
21	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

20	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
19	Administration of branched-chain amino acids increases the susceptibility to lipopolysaccharide-induced inflammation in young Wistar rats. <i>International Journal of Developmental Neuroscience</i> , 2019 , 78, 210-214	2.7	4
18	Central nervous system involvement in the animal model of myodystrophy. <i>Molecular Neurobiology</i> , 2013 , 48, 71-7	6.2	4
17	Mitochondrial dysfunction as a critical event in the pathophysiology of bipolar disorder. <i>Mitochondrion</i> , 2021 , 57, 23-36	4.9	4
16	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
15	Effects of acute administration of mazindol on brain energy metabolism in adult mice. <i>Acta Neuropsychiatrica</i> , 2014 , 26, 146-54	3.9	3
14	Inibiço 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
13	Evidence of hippocampal astrogliosis and antioxidant imbalance after L-tyrosine chronic administration in rats. <i>Metabolic Brain Disease</i> , 2020 , 35, 193-200	3.9	3
12	Lipoic Acid and Fish Oil Combination Potentiates Neuroinflammation and Oxidative Stress Regulation and Prevents Cognitive Decline of Rats After Sepsis. <i>Molecular Neurobiology</i> , 2020 , 57, 4451-4466	6.2	3
11	The metabolic effect of Eketoisocaproic acid: in vivo and in vitro studies. <i>Metabolic Brain Disease</i> , 2021 , 36, 185-192	3.9	2
10	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
9	Evaluation of the In Vivo and In Vitro Effects of Fructose on Respiratory Chain Complexes in Tissues of Young Rats. <i>Disease Markers</i> , 2015 , 2015, 312530	3.2	1
8	Effects of omega-3 fatty acids supplementation on inflammatory parameters after chronic administration of L-tyrosine. <i>Metabolic Brain Disease</i> , 2020 , 35, 295-303	3.9	1
7	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
6	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
5	Exposure to leucine induces oxidative stress in the brain of zebrafish.. <i>Metabolic Brain Disease</i> , 2022 , 1	3.9	0
4	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	
3	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	

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1 Coadministration of tianeptine alters behavioral parameters and levels of neurotrophins in a chronic model of Maple Syrup Urine disease.. *Metabolic Brain Disease*, **2022**, 1

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