Giselli Scaini

List of Publications by Year
in descending order

153 papers	3,572 citations	136950 32 h-index	223800 46 g-index
156 all docs	156 docs citations	156 times ranked	4779 citing authors

#	Article	IF	Citations
1	Inhibition of mitochondrial respiratory chain in brain of rats subjected to an experimental model of depression. Neurochemistry International, 2008, 53, 395-400.	3.8	172
2	Mitochondrial dysfunction in bipolar disorder: Evidence, pathophysiology and translational implications. Neuroscience and Biobehavioral Reviews, 2016, 68, 694-713.	6.1	121
3	Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder. Translational Psychiatry, 2017, 7, 1283.	4.8	119
4	Mitochondrial respiratory chain in the colonic mucosal of patients with ulcerative colitis. Molecular and Cellular Biochemistry, 2010, 342, 111-115.	3.1	83
5	Mitochondrial respiratory chain and creatine kinase activities in rat brain after sepsis induced by cecal ligation and perforation. Mitochondrion, 2008, 8, 313-318.	3.4	74
6	Mitochondria and the central nervous system: searching for a pathophysiological basis of psychiatric disorders. Revista Brasileira De Psiquiatria, 2014, 36, 156-167.	1.7	68
7	Behavioral and neurochemical effects of sodium butyrate in an animal model of mania. Behavioural Pharmacology, 2011, 22, 766-772.	1.7	65
8	Accelerated aging in bipolar disorder: A comprehensive review of molecular findings and their clinical implications. Neuroscience and Biobehavioral Reviews, 2020, 112, 107-116.	6.1	64
9	Perturbations in the apoptotic pathway and mitochondrial network dynamics in peripheral blood mononuclear cells from bipolar disorder patients. Translational Psychiatry, 2017, 7, e1111-e1111.	4.8	62
10	The Role of Mitochondria in Mood Disorders: From Physiology to Pathophysiology and to Treatment. Frontiers in Psychiatry, 2021, 12, 546801.	2.6	61
11	TSPO upregulation in bipolar disorder and concomitant downregulation of mitophagic proteins and NLRP3 inflammasome activation. Neuropsychopharmacology, 2019, 44, 1291-1299.	5.4	58
12	Role of Protein Kinase C in Bipolar Disorder: A Review of the Current Literature. Molecular Neuropsychiatry, 2017, 3, 108-124.	2.9	55
13	Maternal immune activation induced by lipopolysaccharide triggers immune response in pregnant mother and fetus, and induces behavioral impairment in adult rats. Journal of Psychiatric Research, 2018, 100, 71-83.	3.1	54
14	Alterations in Inflammatory Mediators, Oxidative Stress Parameters and Energetic Metabolism in the Brain of Sepsis Survivor Rats. Neurochemical Research, 2011, 36, 304-311.	3.3	53
15	Brain creatine kinase activity in an animal model of mania. Life Sciences, 2008, 82, 424-429.	4.3	52
16	Dysregulation of mitochondrial dynamics, mitophagy and apoptosis in major depressive disorder: Does inflammation play a role?. Molecular Psychiatry, 2022, 27, 1095-1102.	7.9	52
17	Lithium and valproate modulate energy metabolism in an animal model of mania induced by methamphetamine. Pharmacology Biochemistry and Behavior, 2013, 103, 589-596.	2.9	51
18	Accelerated hippocampal biological aging in bipolar disorder. Bipolar Disorders, 2020, 22, 498-507.	1.9	49

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19	Ketamine potentiates oxidative stress and influences behavior and inflammation in response to lipolysaccharide (LPS) exposure in early life. Neuroscience, 2017, 353, 17-25.	2.3	47
20	Neurobiology of bipolar disorders: a review of genetic components, signaling pathways, biochemical changes, and neuroimaging findings. Revista Brasileira De Psiquiatria, 2020, 42, 536-551.	1.7	43
21	Evaluation of Krebs cycle enzymes in the brain of rats after chronic administration of antidepressants. Brain Research Bulletin, 2010, 82, 224-227.	3.0	41
22	l-Tyrosine administration increases acetylcholinesterase activity in rats. Neurochemistry International, 2012, 61, 1370-1374.	3.8	41
23	Second generation antipsychotic-induced mitochondrial alterations: Implications for increased risk of metabolic syndrome in patients with schizophrenia. European Neuropsychopharmacology, 2018, 28, 369-380.	0.7	41
24	Activity of mitochondrial respiratory chain is increased by chronic administration of antidepressants. Acta Neuropsychiatrica, 2011, 23, 112-118.	2.1	40
25	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. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 55-63.	4.8	40
26	Treatment with olanzapine, fluoxetine and olanzapine/fluoxetine alters citrate synthase activity in rat brain. Neuroscience Letters, 2011, 487, 278-281.	2.1	38
27	Effects of the HIV treatment drugs nevirapine and efavirenz on brain creatine kinase activity. Metabolic Brain Disease, 2008, 23, 485-492.	2.9	37
28	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. Metabolic Brain Disease, 2013, 28, 93-105.	2.9	37
29	Molecular Mechanisms Underlying the Anti-depressant Effects of Resveratrol: a Review. Molecular Neurobiology, 2018, 55, 4543-4559.	4.0	37
30	Acute and chronic administration of cannabidiol increases mitochondrial complex and creatine kinase activity in the rat brain. Revista Brasileira De Psiquiatria, 2013, 35, 380-386.	1.7	36
31	Clozapine Prevents Poly (I:C) Induced Inflammation by Modulating NLRP3 Pathway in Microglial Cells. Cells, 2020, 9, 577.	4.1	36
32	Tianeptine treatment induces antidepressive-like effects and alters BDNF and energy metabolism in the brain of rats. Behavioural Brain Research, 2012, 233, 526-535.	2.2	35
33	Brain creatine kinase activity is increased by chronic administration of paroxetine. Brain Research Bulletin, 2009, 80, 327-330.	3.0	33
34	Medial Forebrain Bundle Deep Brain Stimulation Reverses Anhedonic-Like Behavior in a Chronic Model of Depression: Importance of BDNF and Inflammatory Cytokines. Molecular Neurobiology, 2019, 56, 4364-4380.	4.0	33
35	Treadmill Training Increases SIRT-1 and PGC-1‹i›Î±‹/i›Protein Levels and AMPK Phosphorylation in Quadriceps of Middle-Aged Rats in an Intensity-Dependent Manner. Mediators of Inflammation, 2014, 2014, 1-11.	3.0	32
36	Homocysteine induces energy imbalance in rat skeletal muscle: Is creatine a protector?. Cell Biochemistry and Function, 2013, 31, 575-584.	2.9	31

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37	A Rodent Model of Schizophrenia Reveals Increase in Creatine Kinase Activity with Associated Behavior Changes. Oxidative Medicine and Cellular Longevity, 2010, 3, 421-427.	4.0	30
38	Tamoxifen effects on respiratory chain complexes and creatine kinase activities in an animal model of mania. Pharmacology Biochemistry and Behavior, 2011, 98, 304-310.	2.9	29
39	Non-Nucleoside Reverse Transcriptase Inhibitors Efavirenz and Nevirapine Inhibit Cytochrome C Oxidase in Mouse Brain Regions. Neurochemical Research, 2011, 36, 962-966.	3.3	29
40	Toxicity of octanoate and decanoate in rat peripheral tissues: evidence of bioenergetic dysfunction and oxidative damage induction in liver and skeletal muscle. Molecular and Cellular Biochemistry, 2012, 361, 329-335.	3.1	29
41	l-Tyrosine Induces DNA Damage in Brain and Blood of Rats. Neurochemical Research, 2014, 39, 202-207.	3.3	29
42	Maternal deprivation increases microglial activation and neuroinflammatory markers in the prefrontal cortex and hippocampus of infant rats. Journal of Psychiatric Research, 2019, 115, 13-20.	3.1	29
43	Behavioral changes and brain energy metabolism dysfunction in rats treated with methamphetamine or dextroamphetamine. Neuroscience Letters, 2012, 530, 75-79.	2.1	28
44	DNA damage in an animal model of maple syrup urine disease. Molecular Genetics and Metabolism, 2012, 106, 169-174.	1.1	28
45	Lamotrigine treatment reverses depressive-like behavior and alters BDNF levels in the brains of maternally deprived adult rats. Pharmacology Biochemistry and Behavior, 2012, 101, 348-353.	2.9	28
46	Chronic administration of branchedâ€chain amino acids impairs spatial memory and increases brainâ€derived neurotrophic factor in a rat model. Journal of Inherited Metabolic Disease, 2013, 36, 721-730.	3.6	27
47	Mitochondrial dysfunction as a critical event in the pathophysiology of bipolar disorder. Mitochondrion, 2021, 57, 23-36.	3.4	27
48	Inhibition of brain creatine kinase activity after renal ischemia is attenuated by N-acetylcysteine and deferoxamine administration. Neuroscience Letters, 2008, 434, 139-143.	2.1	26
49	Brain apoptosis signaling pathways are regulated by methylphenidate treatment in young and adult rats. Brain Research, 2014, 1583, 269-276.	2.2	26
50	Effects of N-Acetylcysteine/Deferoxamine, Taurine and RC-3095 on Respiratory Chain Complexes and Creatine Kinase Activities in Rat Brain After Sepsis. Neurochemical Research, 2010, 35, 515-521.	3.3	25
51	Effects of olanzapine, fluoxetine and olanzapine/fluoxetine on creatine kinase activity in rat brain. Brain Research Bulletin, 2009, 80, 337-340.	3.0	24
52	Acute and Chronic Administration of the Branched-Chain Amino Acids Decreases Nerve Growth Factor in Rat Hippocampus. Molecular Neurobiology, 2013, 48, 581-589.	4.0	24
53	The oral administration of D-galactose induces abnormalities within the mitochondrial respiratory chain in the brain of rats. Metabolic Brain Disease, 2017, 32, 811-817.	2.9	24
54	Methylphenidate increases creatine kinase activity in the brain of young and adult rats. Life Sciences, 2008, 83, 795-800.	4.3	23

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55	Inhibition of Mitochondrial Respiratory Chain in the Brain of Adult Rats After Acute and Chronic Administration of Methylphenidate. Neurochemical Research, 2010, 35, 405-411.	3.3	23
56	Administration of Harmine and Imipramine Alters Creatine Kinase and Mitochondrial Respiratory Chain Activities in the Rat Brain. Depression Research and Treatment, 2012, 2012, 1-7.	1.3	23
57	Antioxidant administration prevents memory impairment in an animal model of maple syrup urine disease. Behavioural Brain Research, 2012, 231, 92-96.	2.2	23
58	Mitophagy in depression: Pathophysiology and treatment targets. Mitochondrion, 2021, 61, 1-10.	3.4	23
59	Olanzapine plus fluoxetine treatment alters mitochondrial respiratory chain activity in the rat brain. Acta Neuropsychiatrica, 2011, 23, 282-291.	2.1	22
60	Ketamine Treatment Partly Reverses Alterations in Brain Derived- Neurotrophic Factor, Oxidative Stress and Energy Metabolism Parameters Induced by an Animal Model of Depression. Current Neurovascular Research, 2015, 12, 73-84.	1.1	22
61	Effect of l-Tyrosine In Vitro and In Vivo on Energy Metabolism Parameters in Brain and Liver of Young Rats. Neurotoxicity Research, 2013, 23, 327-335.	2.7	21
62	Effects of primaquine and chloroquine on oxidative stress parameters in rats. Anais Da Academia Brasileira De Ciencias, 2015, 87, 1487-1496.	0.8	21
63	Methylphenidate Causes Behavioral Impairments and Neuron and Astrocyte Loss in the Hippocampus of Juvenile Rats. Molecular Neurobiology, 2017, 54, 4201-4216.	4.0	21
64	Serum Markers of Neurodegeneration in Maple Syrup Urine Disease. Molecular Neurobiology, 2017, 54, 5709-5719.	4.0	21
65	Neuroinflammation trajectories precede cognitive impairment after experimental meningitisâ€"evidence from an in vivo PET study. Journal of Neuroinflammation, 2020, 17, 5.	7.2	21
66	Effect of Antipsychotics on Creatine Kinase Activity in Rat Brain. Basic and Clinical Pharmacology and Toxicology, 2007, 101, 315-319.	2.5	20
67	In vitro effect of silver nanoparticles on creatine kinase activity. Journal of the Brazilian Chemical Society, 2009, 20, 1556-1560.	0.6	20
68	Evaluation of citrate synthase activity in brain of rats submitted to an animal model of mania induced by ouabain. Molecular and Cellular Biochemistry, 2010, 341, 245-249.	3.1	20
69	Administration of memantine and imipramine alters mitochondrial respiratory chain and creatine kinase activities in rat brain. Journal of Neural Transmission, 2012, 119, 481-491.	2.8	20
70	DNA damage induced by phenylalanine and its analogue p-chlorophenylalanine in blood and brain of rats subjected to a model of hyperphenylalaninemia. Biochemistry and Cell Biology, 2013, 91, 319-324.	2.0	20
71	Fenproporex Increases Locomotor Activity and Alters Energy Metabolism, and Mood Stabilizers Reverse These Changes: a Proposal for a New Animal Model of Mania. Molecular Neurobiology, 2014, 49, 877-892.	4.0	20
72	Effects of Mood Stabilizers on Brain Energy Metabolism in Mice Submitted to an Animal Model of Mania Induced by Paradoxical Sleep Deprivation. Neurochemical Research, 2015, 40, 1144-1152.	3.3	20

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73	Evaluation of mitochondrial respiratory chain in the brain of rats after pneumococcal meningitis. Brain Research Bulletin, 2010, 82, 302-307.	3.0	19
74	Methylphenidate Treatment Leads to Abnormalities on Krebs Cycle Enzymes in the Brain of Young and Adult Rats. Neurotoxicity Research, 2013, 24, 251-257.	2.7	19
75	Stanniocalcin 1 Inhibits the Inflammatory Response in Microglia and Protects Against Sepsis-Associated Encephalopathy. Neurotoxicity Research, 2021, 39, 119-132.	2.7	19
76	Mecanismos bÃ¡sicos da encefalopatia urÃªmica. Revista Brasileira De Terapia Intensiva, 2010, 22, 206-211.	0.3	18
77	Evaluation of Acetylcholinesterase in an Animal Model of Maple Syrup Urine Disease. Molecular Neurobiology, 2012, 45, 279-286.	4.0	18
78	Effect of Acute and Chronic Administration of Methylphenidate on Mitochondrial Respiratory Chain in the Brain of Young Rats. Neurochemical Research, 2010, 35, 1675-1680.	3.3	17
79	Inhibition of mitochondrial respiratory chain in the brain of rats after hepatic failure induced by acetaminophen. Molecular and Cellular Biochemistry, 2011, 350, 149-154.	3.1	16
80	Erythropoietin reverts cognitive impairment and alters the oxidative parameters and energetic metabolism in sepsis animal model. Journal of Neural Transmission, 2012, 119, 1267-1274.	2.8	16
81	Coadministration of Branched-Chain Amino Acids and Lipopolysaccharide Causes Matrix Metalloproteinase Activation and Bloodâ€“Brain Barrier Breakdown. Molecular Neurobiology, 2014, 50, 358-367.	4.0	16
82	Cerebral Oedema, Bloodâ€“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. Molecular Neurobiology, 2016, 53, 3714-3723.	4.0	15
83	Evaluation of plasma biomarkers of inflammation in patients with maple syrup urine disease. Journal of Inherited Metabolic Disease, 2018, 41, 631-640.	3.6	15
84	Behavioral Responses in Rats Submitted to Chronic Administration of Branched-Chain Amino Acids. JIMD Reports, 2013, 13, 159-167.	1.5	14
85	Methylmalonic acid administration induces DNA damage in rat brain and kidney. Molecular and Cellular Biochemistry, 2014, 391, 137-145.	3.1	14
86	Antioxidants reverse the changes in energy metabolism of rat brain after chronic administration of L.-tyrosine. Metabolic Brain Disease, 2017, 32, 557-564.	2.9	14
87	The Decrease on Na+, K+-ATPase Activity in the Cortex, but not in Hippocampus, is Reverted by Antioxidants in an Animal Model of Sepsis. Molecular Neurobiology, 2012, 46, 467-474.	4.0	13
88	Administration of branchedâ€chain amino acids alters the balance between proâ€inflammatory and antiâ€inflammatory cytokines. International Journal of Developmental Neuroscience, 2016, 48, 24-30.	1.6	13
89	Intracerebroventricular administration of Î±-ketoisocaproic acid decreases brain-derived neurotrophic factor and nerve growth factor levels in brain of young rats. Metabolic Brain Disease, 2016, 31, 377-383.	2.9	13
90	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. Metabolic Brain Disease, 2019, 34, 1207-1219.	2.9	13

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91	Epigenetic GrimAge acceleration and cognitive impairment in bipolar disorder. European Neuropsychopharmacology, 2022, 62, 10-21.	0.7	13
92	Brain creatine kinase activity is inhibited after hepatic failure induced by carbon tetrachloride or acetaminophen. Metabolic Brain Disease, 2009, 24, 383-394.	2.9	12
93	Brain energy metabolism parameters in an animal model of diabetes. Metabolic Brain Disease, 2010, 25, 391-396.	2.9	12
94	Mitochondrial respiratory chain and creatine kinase activities in mdx mouse brain. Muscle and Nerve, 2010, 41, 257-260.	2.2	12
95	An Evaluation of the Effects of Acute and Chronic l-Tyrosine Administration on BDNF Levels and bdnf mRNA Expression in the Rat Brain. Molecular Neurobiology, 2014, 49, 734-740.	4.0	12
96	Acute administration of fenproporex increased acetylcholinesterase activity in brain of young rats. Anais Da Academia Brasileira De Ciencias, 2015, 87, 1389-1395.	0.8	12
97	The characterization of neuroenergetic effects of chronic L-tyrosine administration in young rats: evidence for striatal susceptibility. Metabolic Brain Disease, 2015, 30, 215-221.	2.9	12
98	Maternal Hypermethioninemia Affects Neurons Number, Neurotrophins Levels, Energy Metabolism, and Na+,K+-ATPase Expression/Content in Brain of Rat Offspring. Molecular Neurobiology, 2018, 55, 980-988.	4.0	12
99	Brain creatine kinase activity after meningitis induced by Streptococcus pneumoniae. Brain Research Bulletin, 2009, 80, 85-88.	3.0	11
100	Evaluation of brain creatine kinase activity in an animal model of mania induced by ouabain. Journal of Neural Transmission, 2010, 117, 149-153.	2.8	11
101	Mitochondrial respiratory chain and creatine kinase activities following trauma brain injury in brain of mice preconditioned with N-methyl-d-aspartate. Molecular and Cellular Biochemistry, 2013, 384, 129-137.	3.1	11
102	Evidence for additionally increased apoptosis in the peripheral blood mononuclear cells of major depressive patients with a high risk for suicide. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 388-396.	1.7	11
103	Inhibition of mitochondrial respiratory chain in the brain of rats after renal ischemia is prevented by N-acetylcysteine and deferoxamine. Metabolic Brain Disease, 2010, 25, 219-225.	2.9	10
104	Effect of Acute and Chronic Administration of l-Tyrosine on Nerve Growth Factor Levels in Rat Brain. Neurochemical Research, 2013, 38, 1742-1746.	3.3	10
105	Fluvoxamine alters the activity of energy metabolism enzymes in the brain. Revista Brasileira De Psiquiatria, 2014, 36, 220-226.	1.7	10
106	Evaluation of NCS-1, DARPP-32, and neurotrophins in hippocampus and prefrontal cortex in rats submitted to sepsis. Synapse, 2014, 68, 474-479.	1.2	10
107	Omega-3 fatty acid supplementation decreases DNA damage in brain of rats subjected to a chemically induced chronic model of Tyrosinemia type II. Metabolic Brain Disease, 2017, 32, 1043-1050.	2.9	10
108	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. Molecular and Cellular Biochemistry, 2017, 435, 207-214.	3.1	10

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109	Administration of branchedâ€chain amino acids increases the susceptibility to lipopolysaccharideâ€induced inflammation in young Wistar rats. International Journal of Developmental Neuroscience, 2019, 78, 210-214.	1.6	10
110	Energy metabolism, leptin, and biochemical parameters are altered in rats subjected to the chronic administration of olanzapine. Revista Brasileira De Psiquiatria, 2012, 34, 168-175.	1.7	10
111	InibiÃ§Ã£o da atividade da citrato sintase cerebral em um modelo animal de sepse. Revista Brasileira De Terapia Intensiva, 2011, 23, 158-163.	0.3	9
112	Î²-Carboline harmine reverses the effects induced by stress on behaviour and citrate synthase activity in the rat prefrontal cortex. Acta Neuropsychiatrica, 2013, 25, 328-333.	2.1	9
113	Omega-3 fatty acids alter behavioral and oxidative stress parameters in animals subjected to fenproporex administration. Metabolic Brain Disease, 2014, 29, 185-192.	2.9	9
114	Acute Administration of Branched-Chain Amino Acids Increases the Pro-BDNF/Total-BDNF Ratio in the Rat Brain. Neurochemical Research, 2015, 40, 885-893.	3.3	9
115	Acute and long-term effects of intracerebroventricular administration of Î±-ketoisocaproic acid on oxidative stress parameters and cognitive and noncognitive behaviors. Metabolic Brain Disease, 2017, 32, 1507-1518.	2.9	9
116	Apoptotic signaling pathways induced by acute administration of branched-chain amino acids in an animal model of maple syrup urine disease. Metabolic Brain Disease, 2017, 32, 115-122.	2.9	9
117	Lipoic Acid and Fish Oil Combination Potentiates Neuroinflammation and Oxidative Stress Regulation and Prevents Cognitive Decline of Rats After Sepsis. Molecular Neurobiology, 2020, 57, 4451-4466.	4.0	9
118	Mechanisms underlying uremic encephalopathy. Revista Brasileira De Terapia Intensiva, 2010, 22, 206-11.	0.3	9
119	In vitroeffect of antipsychotics on brain energy metabolism parameters in the brain of rats. Acta Neuropsychiatrica, 2013, 25, 18-26.	2.1	8
120	Evaluation of Na+, K+-ATPase activity in the brain of young rats after acute administration of fenproporex. Revista Brasileira De Psiquiatria, 2014, 36, 138-142.	1.7	8
121	Evidence that 3-hydroxy-3-methylglutaric and 3-methylglutaric acids induce DNA damage in rat striatum. Metabolic Brain Disease, 2015, 30, 1055-1062.	2.9	8
122	Activity of Krebs cycle enzymes in mdx mice. Muscle and Nerve, 2016, 53, 91-95.	2.2	8
123	The metabolic effect of Î±-ketoisocaproic acid: in vivo and in vitro studies. Metabolic Brain Disease, 2021, 36, 185-192.	2.9	8
124	Methylphenidate increases glucose uptake in the brain of young and adult rats. Pharmacological Reports, 2015, 67, 1033-1040.	3.3	7
125	Evaluation of brain and kidney energy metabolism in an animal model of contrast-induced nephropathy. Metabolic Brain Disease, 2011, 26, 115-122.	2.9	6
126	Inhibition of acetylcholinesterase activity in brain and behavioral analysis in adult rats after chronic administration of fenproporex. Metabolic Brain Disease, 2012, 27, 453-458.	2.9	6

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127	Acute renal failure potentiates brain energy dysfunction elicited by methylmalonic acid. International Journal of Developmental Neuroscience, 2013, 31, 245-249.	1.6	6
128	N-acetylcysteine effects on a murine model of chronic critical limb ischemia. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 454-463.	3.8	6
129	Exposure to leucine induces oxidative stress in the brain of zebrafish. Metabolic Brain Disease, 2022, 37, 1155-1161.	2.9	6
130	Modulation of creatine kinase activity by ruthenium complexes. Journal of Inorganic Biochemistry, 2007, 101, 267-273.	3.5	5
131	Central Nervous System Involvement in the Animal Model of Myodystrophy. Molecular Neurobiology, 2013, 48, 71-77.	4.0	5
132	Antioxidants Reverse the Changes in the Cholinergic System Caused by L-Tyrosine Administration in Rats. Neurotoxicity Research, 2018, 34, 769-780.	2.7	5
133	Resveratrol protects the brain against oxidative damage in a dopaminergic animal model of mania. Metabolic Brain Disease, 2019, 34, 941-950.	2.9	5
134	Evidence of hippocampal astrogliosis and antioxidant imbalance after L-tyrosine chronic administration in rats. Metabolic Brain Disease, 2020, 35, 193-200.	2.9	5
135	Effects of omega-3 fatty acids supplementation on inflammatory parameters after chronic administration of L-tyrosine. Metabolic Brain Disease, 2020, 35, 295-303.	2.9	5
136	Alterations in plasma kynurenine pathway metabolites in children and adolescents with bipolar disorder and unaffected offspring of bipolar parents: A preliminary study. Bipolar Disorders, 2020, 23, 689-696.	1.9	5
137	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. Molecular Neurobiology, 2017, 54, 3935-3947.	4.0	4
138	Omega-3 fatty acids and mood stabilizers alter behavioral and oxidative stress parameters in animals subjected to fenproporex administration. Metabolic Brain Disease, 2017, 32, 519-528.	2.9	4
139	Oral administration of D-galactose increases brain tricarboxylic acid cycle enzymes activities in Wistar rats. Metabolic Brain Disease, 2021, 36, 1057-1067.	2.9	4
140	Inhibition of brain citrate synthase activity in an animal model of sepsis. Revista Brasileira De Terapia Intensiva, 2011, 23, 158-63.	0.3	4
141	Effects of acute administration of mazindol on brain energy metabolism in adult mice. Acta Neuropsychiatrica, 2014, 26, 146-154.	2.1	3
142	Evaluation of theIn VivoandIn VitroEffects of Fructose on Respiratory Chain Complexes in Tissues of Young Rats. Disease Markers, 2015, 2015, 1-6.	1.3	3
143	Suicide rates in the United States continue to rise. Are rates in Brazil underestimated?. Revista Brasileira De Psiquiatria, 2018, 40, 347-348.	1.7	2
144	Effects of maintenance electroshock on mitochondrial respiratory chain and creatine kinase activities in the rat brain. Acta Neuropsychiatrica, 2012, 24, 275-285.	2.1	1

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145	Mitochondrial pathways in bipolar disorder: Mechanisms and implications. , 2021, , 61-69.		1
146	Coadministration of tianeptine alters behavioral parameters and levels of neurotrophins in a chronic model of Maple Syrup Urine disease. Metabolic Brain Disease, 2022, , 1.	2.9	1
147	Efeitos preventivos do exercÃcio fÃsico sobre a inibiÃ§Ã£o da creatina quinase em cÃ³rtex cerebral de camundongos expostos Ã fumaÃ§a de cigarro. DOI: 10.5007/1980-0037.2011v13n2p106. Revista Brasileira De Cineantropometria E Desempenho Humano, 2011, 13, .	0.5	0
148	508. Perturbations in the Apoptotic Pathway and Mitochondrial Network Dynamics in Peripheral Blood Mononuclear Cells from Bipolar Disorder Patients. Biological Psychiatry, 2017, 81, S206-S207.	1.3	0
149	304. Immunological, Molecular and Behavioral Effects of LPS Induced Maternal Immune Activation. Biological Psychiatry, 2017, 81, S125-S126.	1.3	0
150	Implication of the Mitochondrial and Immune Dysfunctions in Bipolar Disorder: New Insights Into Pathogenesis. Journal of Affective Disorders, 2019, 254, 136.	4.1	0
151	S81. Hippocampal Epigenetic Aging in Bipolar Disorder. Biological Psychiatry, 2019, 85, S328.	1.3	0
152	Mitochondrial Dysfunction in Bipolar Disorder: Pathways, Mechanisms and Implications. Biological Psychiatry, 2020, 87, S13-S14.	1.3	0
153	The Greater Houston Area Bipolar Registryâ€"Clinical and Neurobiological Trajectories of Children and Adolescents With Bipolar Disorders and High-Risk Unaffected Offspring. Frontiers in Psychiatry, 2021, 12, 671840.	2.6	0