Giselli Scaini

List of Publications by Year in Descending Order

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	Exposure to leucine induces oxidative stress in the brain of zebrafish.. *Metabolic Brain Disease*, **2022**, 1	3.9	0
144	Coadministration of tianeptine alters behavioral parameters and levels of neurotrophins in a chronic model of Maple Syrup Urine disease.. *Metabolic Brain Disease*, **2022**, 1	3.9	
143	Dysregulation of mitochondrial dynamics, mitophagy and apoptosis in major depressive disorder: Does inflammation play a role?. *Molecular Psychiatry*, **2021**,	15.1	5
142	Alterations in plasma kynurenine pathway metabolites in children and adolescents with bipolar disorder and unaffected offspring of bipolar parents: A preliminary study. *Bipolar Disorders*, **2021**, 23, 689-696	3.8	1
141	The Greater Houston Area Bipolar Registry-Clinical and Neurobiological Trajectories of Children and Adolescents With Bipolar Disorders and High-Risk Unaffected Offspring. *Frontiers in Psychiatry*, **2021**, 12, 671840	5	
140	The Role of Mitochondria in Mood Disorders: From Physiology to Pathophysiology and to Treatment. *Frontiers in Psychiatry*, **2021**, 12, 546801	5	5
139	Stanniocalcin 1 Inhibits the Inflammatory Response in Microglia and Protects Against Sepsis-Associated Encephalopathy. *Neurotoxicity Research*, **2021**, 39, 119-132	4.3	5
138	Mitochondrial dysfunction as a critical event in the pathophysiology of bipolar disorder. *Mitochondrion*, **2021**, 57, 23-36	4.9	4
137	The metabolic effect of □ketoisocaproic acid: in vivo and in vitro studies. *Metabolic Brain Disease*, **2021**, 36, 185-192	3.9	2
136	Mitochondrial pathways in bipolar disorder: Mechanisms and implications **2021**, 61-69		
135	Oral administration of D-galactose increases brain tricarboxylic acid cycle enzymes activities in Wistar rats. *Metabolic Brain Disease*, **2021**, 36, 1057-1067	3.9	1
134	Mitophagy in depression: Pathophysiology and treatment targets. *Mitochondrion*, **2021**, 61, 1-10	4.9	6
133	Clozapine Prevents Poly (I:C) Induced Inflammation by Modulating NLRP3 Pathway in Microglial Cells. *Cells*, **2020**, 9,	7.9	15
132	Accelerated aging in bipolar disorder: A comprehensive review of molecular findings and their clinical implications. *Neuroscience and Biobehavioral Reviews*, **2020**, 112, 107-116	9	33
131	Neurobiology of bipolar disorders: a review of genetic components, signaling pathways, biochemical changes, and neuroimaging findings. *Revista Brasileira De Psiquiatria*, **2020**, 42, 536-551	2.6	8
130	Evidence of hippocampal astrogliosis and antioxidant imbalance after L-tyrosine chronic administration in rats. *Metabolic Brain Disease*, **2020**, 35, 193-200	3.9	3
129	Accelerated hippocampal biological aging in bipolar disorder. *Bipolar Disorders*, **2020**, 22, 498-507	3.8	23

128	Neuroinflammation trajectories precede cognitive impairment after experimental meningitis-evidence from an in vivo PET study. *Journal of Neuroinflammation*, **2020**, 17, 5	10.1	9
127	Effects of omega-3 fatty acids supplementation on inflammatory parameters after chronic administration of L-tyrosine. *Metabolic Brain Disease*, **2020**, 35, 295-303	3.9	1
126	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	6.2	3
125	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	5.2	18
124	Resveratrol protects the brain against oxidative damage in a dopaminergic animal model of mania. *Metabolic Brain Disease*, **2019**, 34, 941-950	3.9	3
123	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	3.9	7
122	Administration of branched-chain amino acids increases the susceptibility to lipopolysaccharide-induced inflammation in young Wistar rats. *International Journal of Developmental Neuroscience*, **2019**, 78, 210-214	2.7	4
121	TSPO upregulation in bipolar disorder and concomitant downregulation of mitophagic proteins and NLRP3 inflammasome activation. *Neuropsychopharmacology*, **2019**, 44, 1291-1299	8.7	35
120	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	6.2	19
119	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	3.5	10
118	Second generation antipsychotic-induced mitochondrial alterations: Implications for increased risk of metabolic syndrome in patients with schizophrenia. *European Neuropsychopharmacology*, **2018**, 28, 369-380	1.2	27
117	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	5.2	37
116	Antioxidants Reverse the Changes in the Cholinergic System Caused by L-Tyrosine Administration in Rats. *Neurotoxicity Research*, **2018**, 34, 769-780	4.3	4
115	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	6.2	11
114	Molecular Mechanisms Underlying the Anti-depressant Effects of Resveratrol: a Review. *Molecular Neurobiology*, **2018**, 55, 4543-4559	6.2	27
113	N-acetylcysteine effects on a murine model of chronic critical limb ischemia. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 454-463	6.9	6
112	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	5.5	28
111	Evaluation of plasma biomarkers of inflammation in patients with maple syrup urine disease. *Journal of Inherited Metabolic Disease*, **2018**, 41, 631	5.4	9

110	Methylphenidate Causes Behavioral Impairments and Neuron and Astrocyte Loss in the Hippocampus of Juvenile Rats. *Molecular Neurobiology*, **2017**, 54, 4201-4216	6.2	18
109	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	6.2	4
108	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	3.9	17
107	Ketamine potentiates oxidative stress and influences behavior and inflammation in response to lipolysaccharide (LPS) exposure in early life. *Neuroscience*, **2017**, 353, 17-25	3.9	28
106	Perturbations in the apoptotic pathway and mitochondrial network dynamics in peripheral blood mononuclear cells from bipolar disorder patients. *Translational Psychiatry*, **2017**, 7, e1111	8.6	42
105	Acute and long-term effects of intracerebroventricular administration of Ekétoisocaproic acid on oxidative stress parameters and cognitive and noncognitive behaviors. *Metabolic Brain Disease*, **2017**, 32, 1507-1518	3.9	6
104	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	3.9	9
103	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	3.9	4
102	Antioxidants reverse the changes in energy metabolism of rat brain after chronic administration of L.-tyrosine. *Metabolic Brain Disease*, **2017**, 32, 557-564	3.9	11
101	Role of Protein Kinase C in Bipolar Disorder: A Review of the Current Literature. *Molecular Neuropsychiatry*, **2017**, 3, 108-124	4.9	38
100	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	4.2	8
99	Accelerated epigenetic aging and mitochondrial DNA copy number in bipolar disorder. *Translational Psychiatry*, **2017**, 7, 1283	8.6	72
98	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	3.9	8
97	Serum Markers of Neurodegeneration in Maple Syrup Urine Disease. *Molecular Neurobiology*, **2017**, 54, 5709-5719	6.2	14
96	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. *Molecular Neurobiology*, **2016**, 53, 3714-3723	6.2	12
95	Administration of branched-chain amino acids alters the balance between pro-inflammatory and anti-inflammatory cytokines. *International Journal of Developmental Neuroscience*, **2016**, 48, 24-30	2.7	9
94	Intracerebroventricular administration of Ekétoisocaproic acid decreases brain-derived neurotrophic factor and nerve growth factor levels in brain of young rats. *Metabolic Brain Disease*, **2016**, 31, 377-83	3.9	10
93	Mitochondrial dysfunction in bipolar disorder: Evidence, pathophysiology and translational implications. *Neuroscience and Biobehavioral Reviews*, **2016**, 68, 694-713	9	91

92	Activity of Krebs cycle enzymes in mdx mice. *Muscle and Nerve*, **2016**, 53, 91-5	3.4	7
91	Acute Administration of Branched-Chain Amino Acids Increases the Pro-BDNF/Total-BDNF Ratio in the Rat Brain. *Neurochemical Research*, **2015**, 40, 885-93	4.6	7
90	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, 1144-52	4.6	16
89	Evidence that 3-hydroxy-3-methylglutaric and 3-methylglutaric acids induce DNA damage in rat striatum. *Metabolic Brain Disease*, **2015**, 30, 1055-62	3.9	5
88	Methylphenidate increases glucose uptake in the brain of young and adult rats. *Pharmacological Reports*, **2015**, 67, 1033-40	3.9	6
87	The characterization of neuroenergetic effects of chronic L-tyrosine administration in young rats: evidence for striatal susceptibility. *Metabolic Brain Disease*, **2015**, 30, 215-21	3.9	12
86	Effects of primaquine and chloroquine on oxidative stress parameters in rats. *Anais Da Academia Brasileira De Ciencias*, **2015**, 87, 1487-96	1.4	15
85	Acute administration of fenproporex increased acetylcholinesterase activity in brain of young rats. *Anais Da Academia Brasileira De Ciencias*, **2015**, 87, 1389-95	1.4	10
84	Evaluation of the In Vivo and In Vitro Effects of Fructose on Respiratory Chain Complexes in Tissues of Young Rats. *Disease Markers*, **2015**, 2015, 312530	3.2	1
83	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	1.8	15
82	Omega-3 fatty acids alter behavioral and oxidative stress parameters in animals subjected to fenproporex administration. *Metabolic Brain Disease*, **2014**, 29, 185-92	3.9	8
81	Methylmalonic acid administration induces DNA damage in rat brain and kidney. *Molecular and Cellular Biochemistry*, **2014**, 391, 137-45	4.2	9
80	L-tyrosine induces DNA damage in brain and blood of rats. *Neurochemical Research*, **2014**, 39, 202-7	4.6	22
79	Brain apoptosis signaling pathways are regulated by methylphenidate treatment in young and adult rats. *Brain Research*, **2014**, 1583, 269-76	3.7	22
78	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, 734-40	6.2	12
77	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, 877-92	6.2	19
76	Mitochondria and the central nervous system: searching for a pathophysiological basis of psychiatric disorders. *Revista Brasileira De Psiquiatria*, **2014**, 36, 156-67	2.6	56
75	Evaluation of Na+, K+-ATPase activity in the brain of young rats after acute administration of fenproporex. *Revista Brasileira De Psiquiatria*, **2014**, 36, 138-42	2.6	6

74	Fluvoxamine alters the activity of energy metabolism enzymes in the brain. *Revista Brasileira De Psiquiatria*, **2014**, 36, 220-6	2.6	8
73	Treadmill training increases SIRT-1 and PGC-1 protein levels and AMPK phosphorylation in quadriceps of middle-aged rats in an intensity-dependent manner. *Mediators of Inflammation*, **2014**, 2014, 987017	4.3	26
72	Evaluation of NCS-1, DARPP-32, and neurotrophins in hippocampus and prefrontal cortex in rats submitted to sepsis. *Synapse*, **2014**, 68, 474-9	2.4	8
71	Effects of acute administration of mazindol on brain energy metabolism in adult mice. *Acta Neuropsychiatrica*, **2014**, 26, 146-54	3.9	3
70	Coadministration of branched-chain amino acids and lipopolysaccharide causes matrix metalloproteinase activation and blood-brain barrier breakdown. *Molecular Neurobiology*, **2014**, 50, 358-67	6.2	14
69	Behavioral responses in rats submitted to chronic administration of branched-chain amino acids. *JIMD Reports*, **2014**, 13, 159-67	1.9	12
68	In vitro effect of antipsychotics on brain energy metabolism parameters in the brain of rats. *Acta Neuropsychiatrica*, **2013**, 25, 18-26	3.9	5
67	Effect of acute and chronic administration of L-tyrosine on nerve growth factor levels in rat brain. *Neurochemical Research*, **2013**, 38, 1742-6	4.6	9
66	Methylphenidate treatment leads to abnormalities on krebs cycle enzymes in the brain of young and adult rats. *Neurotoxicity Research*, **2013**, 24, 251-7	4.3	18
65	Effect of L-tyrosine in vitro and in vivo on energy metabolism parameters in brain and liver of young rats. *Neurotoxicity Research*, **2013**, 23, 327-35	4.3	16
64	Central nervous system involvement in the animal model of myodystrophy. *Molecular Neurobiology*, **2013**, 48, 71-7	6.2	4
63	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, 129-37	4.2	10
62	Lithium and valproate modulate energy metabolism in an animal model of mania induced by methamphetamine. *Pharmacology Biochemistry and Behavior*, **2013**, 103, 589-96	3.9	46
61	Homocysteine induces energy imbalance in rat skeletal muscle: is creatine a protector?. *Cell Biochemistry and Function*, **2013**, 31, 575-84	4.2	24
60	Acute renal failure potentiates brain energy dysfunction elicited by methylmalonic acid. *International Journal of Developmental Neuroscience*, **2013**, 31, 245-9	2.7	6
59	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	3.9	33
58	Acute and chronic administration of the branched-chain amino acids decreases nerve growth factor in rat hippocampus. *Molecular Neurobiology*, **2013**, 48, 581-9	6.2	19
57	Chronic administration of branched-chain amino acids impairs spatial memory and increases brain-derived neurotrophic factor in a rat model. *Journal of Inherited Metabolic Disease*, **2013**, 36, 721-30	5.4	23

56	Carboline harmine reverses the effects induced by stress on behaviour and citrate synthase activity in the rat prefrontal cortex. *Acta Neuropsychiatrica*, **2013**, 25, 328-33	3.9	7
55	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, 319-24	3.6	18
54	Acute and chronic administration of cannabidiol increases mitochondrial complex and creatine kinase activity in the rat brain. *Revista Brasileira De Psiquiatria*, **2013**, 35, 380-6	2.6	24
53	Effects of maintenance electroshock on mitochondrial respiratory chain and creatine kinase activities in the rat brain. *Acta Neuropsychiatrica*, **2012**, 24, 275-85	3.9	
52	Lamotrigine treatment reverses depressive-like behavior and alters BDNF levels in the brains of maternally deprived adult rats. *Pharmacology Biochemistry and Behavior*, **2012**, 101, 348-53	3.9	23
51	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, 329-35	4.2	22
50	L-tyrosine administration increases acetylcholinesterase activity in rats. *Neurochemistry International*, **2012**, 61, 1370-4	4.4	30
49	Erythropoietin reverts cognitive impairment and alters the oxidative parameters and energetic metabolism in sepsis animal model. *Journal of Neural Transmission*, **2012**, 119, 1267-74	4.3	14
48	Inhibition of acetylcholinesterase activity in brain and behavioral analysis in adult rats after chronic administration of fenproporex. *Metabolic Brain Disease*, **2012**, 27, 453-8	3.9	6
47	Behavioral changes and brain energy metabolism dysfunction in rats treated with methamphetamine or dextroamphetamine. *Neuroscience Letters*, **2012**, 530, 75-9	3.3	23
46	DNA damage in an animal model of maple syrup urine disease. *Molecular Genetics and Metabolism*, **2012**, 106, 169-74	3.7	22
45	Antioxidant administration prevents memory impairment in an animal model of maple syrup urine disease. *Behavioural Brain Research*, **2012**, 231, 92-6	3.4	21
44	Tianeptine treatment induces antidepressive-like effects and alters BDNF and energy metabolism in the brain of rats. *Behavioural Brain Research*, **2012**, 233, 526-35	3.4	32
43	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, 467-74	6.2	12
42	Evaluation of acetylcholinesterase in an animal model of maple syrup urine disease. *Molecular Neurobiology*, **2012**, 45, 279-86	6.2	15
41	Administration of memantine and imipramine alters mitochondrial respiratory chain and creatine kinase activities in rat brain. *Journal of Neural Transmission*, **2012**, 119, 481-91	4.3	17
40	Administration of harmine and imipramine alters creatine kinase and mitochondrial respiratory chain activities in the rat brain. *Depression Research and Treatment*, **2012**, 2012, 987397	3.8	20
39	Energy metabolism, leptin, and biochemical parameters are altered in rats subjected to the chronic administration of olanzapine. *Revista Brasileira De Psiquiatria*, **2012**, 34, 168-75	2.6	9

38	Treatment with olanzapine, fluoxetine and olanzapine/fluoxetine alters citrate synthase activity in rat brain. *Neuroscience Letters*, **2011**, 487, 278-81	3.3	33
37	Inibição da atividade da citrato sintase cerebral em um modelo animal de sepse. *Revista Brasileira De Terapia Intensiva*, **2011**, 23, 158-163	1.2	3
36	Behavioral and neurochemical effects of sodium butyrate in an animal model of mania. *Behavioural Pharmacology*, **2011**, 22, 766-72	2.4	56
35	Activity of mitochondrial respiratory chain is increased by chronic administration of antidepressants. *Acta Neuropsychiatrica*, **2011**, 23, 112-8	3.9	31
34	Olanzapine plus fluoxetine treatment alters mitochondrial respiratory chain activity in the rat brain. *Acta Neuropsychiatrica*, **2011**, 23, 282-91	3.9	17
33	Tamoxifen effects on respiratory chain complexes and creatine kinase activities in an animal model of mania. *Pharmacology Biochemistry and Behavior*, **2011**, 98, 304-10	3.9	27
32	Inhibition of mitochondrial respiratory chain in the brain of rats after hepatic failure induced by acetaminophen. *Molecular and Cellular Biochemistry*, **2011**, 350, 149-54	4.2	15
31	Evaluation of brain and kidney energy metabolism in an animal model of contrast-induced nephropathy. *Metabolic Brain Disease*, **2011**, 26, 115-22	3.9	6
30	Alterations in inflammatory mediators, oxidative stress parameters and energetic metabolism in the brain of sepsis survivor rats. *Neurochemical Research*, **2011**, 36, 304-11	4.6	47
29	Non-nucleoside reverse transcriptase inhibitors efavirenz and nevirapine inhibit cytochrome C oxidase in mouse brain regions. *Neurochemical Research*, **2011**, 36, 962-6	4.6	22
28	Inhibition of brain citrate synthase activity in an animal model of sepsis. *Revista Brasileira De Terapia Intensiva*, **2011**, 23, 158-63	1.2	2
27	A rodent model of schizophrenia reveals increase in creatine kinase activity with associated behavior changes. *Oxidative Medicine and Cellular Longevity*, **2010**, 3, 421-7	6.7	26
26	Mecanismos básicos da encefalopatia urêmica. *Revista Brasileira De Terapia Intensiva*, **2010**, 22, 206-211	1.2	12
25	Evaluation of Krebs cycle enzymes in the brain of rats after chronic administration of antidepressants. *Brain Research Bulletin*, **2010**, 82, 224-7	3.9	34
24	Evaluation of mitochondrial respiratory chain in the brain of rats after pneumococcal meningitis. *Brain Research Bulletin*, **2010**, 82, 302-7	3.9	19
23	Evaluation of brain creatine kinase activity in an animal model of mania induced by ouabain. *Journal of Neural Transmission*, **2010**, 117, 149-53	4.3	11
22	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, 245-9	4.2	18
21	Mitochondrial respiratory chain in the colonic mucosal of patients with ulcerative colitis. *Molecular and Cellular Biochemistry*, **2010**, 342, 111-5	4.2	50

20	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, 219-25	3.9	9
19	Brain energy metabolism parameters in an animal model of diabetes. *Metabolic Brain Disease*, **2010**, 25, 391-6	3.9	11
18	Inhibition of mitochondrial respiratory chain in the brain of adult rats after acute and chronic administration of methylphenidate. *Neurochemical Research*, **2010**, 35, 405-11	4.6	18
17	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, 515-21	4.6	22
16	Effect of acute and chronic administration of methylphenidate on mitochondrial respiratory chain in the brain of young rats. *Neurochemical Research*, **2010**, 35, 1675-80	4.6	17
15	Mitochondrial respiratory chain and creatine kinase activities in mdx mouse brain. *Muscle and Nerve*, **2010**, 41, 257-60	3.4	11
14	Mechanisms underlying uremic encephalopathy. *Revista Brasileira De Terapia Intensiva*, **2010**, 22, 206-11	1.2	7
13	In vitro effect of silver nanoparticles on creatine kinase activity. *Journal of the Brazilian Chemical Society*, **2009**, 20, 1556-1560	1.5	19
12	Brain creatine kinase activity is inhibited after hepatic failure induced by carbon tetrachloride or acetaminophen. *Metabolic Brain Disease*, **2009**, 24, 383-94	3.9	11
11	Brain creatine kinase activity after meningitis induced by Streptococcus pneumoniae. *Brain Research Bulletin*, **2009**, 80, 85-8	3.9	10
10	Effects of olanzapine, fluoxetine and olanzapine/fluoxetine on creatine kinase activity in rat brain. *Brain Research Bulletin*, **2009**, 80, 337-40	3.9	23
9	Brain creatine kinase activity is increased by chronic administration of paroxetine. *Brain Research Bulletin*, **2009**, 80, 327-30	3.9	30
8	Brain creatine kinase activity in an animal model of mania. *Life Sciences*, **2008**, 82, 424-9	6.8	49
7	Methylphenidate increases creatine kinase activity in the brain of young and adult rats. *Life Sciences* , **2008**, 83, 795-800	6.8	21
6	Mitochondrial respiratory chain and creatine kinase activities in rat brain after sepsis induced by cecal ligation and perforation. *Mitochondrion*, **2008**, 8, 313-8	4.9	62
5	Inhibition of mitochondrial respiratory chain in brain of rats subjected to an experimental model of depression. *Neurochemistry International*, **2008**, 53, 395-400	4.4	155
4	Inhibition of brain creatine kinase activity after renal ischemia is attenuated by N-acetylcysteine and deferoxamine administration. *Neuroscience Letters*, **2008**, 434, 139-43	3.3	24
3	Effects of the HIV treatment drugs nevirapine and efavirenz on brain creatine kinase activity. *Metabolic Brain Disease*, **2008**, 23, 485-92	3.9	34

2	Effect of antipsychotics on creatine kinase activity in rat brain. *Basic and Clinical Pharmacology and Toxicology*, **2007**, 101, 315-9	3.1	18
1	Modulation of creatine kinase activity by ruthenium complexes. *Journal of Inorganic Biochemistry*, **2007**, 101, 267-73	4.2	5