

Emilio Luiz Streck

List of Publications by Year in descending order

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Version: 2024-02-01

250
papers

7,584
citations

57631

44
h-index

91712

69
g-index

251
all docs

251
docs citations

251
times ranked

9110
citing authors

#	ARTICLE	IF	CITATIONS
1	Detailed Characterization of Brain Dysfunction in a Long-Term Rodent Model of Critical Illness. <i>Neurochemical Research</i> , 2022, 47, 613-621.	1.6	0
2	Exposure to leucine induces oxidative stress in the brain of zebrafish. <i>Metabolic Brain Disease</i> , 2022, 37, 1155-1161.	1.4	6
3	Coadministration of tianeptine alters behavioral parameters and levels of neurotrophins in a chronic model of Maple Syrup Urine disease. <i>Metabolic Brain Disease</i> , 2022, , 1.	1.4	1
4	Diabetes Exacerbates Sepsis-Induced Neuroinflammation and Brain Mitochondrial Dysfunction. <i>Inflammation</i> , 2022, 45, 2352-2367.	1.7	7
5	White matter disturbances in phenylketonuria: Possible underlying mechanisms. <i>Journal of Neuroscience Research</i> , 2021, 99, 349-360.	1.3	16
6	Mitochondrial dysfunction as a critical event in the pathophysiology of bipolar disorder. <i>Mitochondrion</i> , 2021, 57, 23-36.	1.6	27
7	Administration of branched-chain amino acids alters epigenetic regulatory enzymes in an animal model of Maple Syrup Urine Disease. <i>Metabolic Brain Disease</i> , 2021, 36, 247-254.	1.4	5
8	The metabolic effect of Î±-ketoisocaproic acid: in vivo and in vitro studies. <i>Metabolic Brain Disease</i> , 2021, 36, 185-192.	1.4	8
9	Oral administration of D-galactose increases brain tricarboxylic acid cycle enzymes activities in Wistar rats. <i>Metabolic Brain Disease</i> , 2021, 36, 1057-1067.	1.4	4
10	Nanotechnology as a therapeutic strategy to prevent neuropsychomotor alterations associated with hypercholesterolemia. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111608.	2.5	10
11	Experimental evidence of tyrosine neurotoxicity: focus on mitochondrial dysfunction. <i>Metabolic Brain Disease</i> , 2021, 36, 1673-1685.	1.4	8
12	Evidence of hippocampal astrogliosis and antioxidant imbalance after L-tyrosine chronic administration in rats. <i>Metabolic Brain Disease</i> , 2020, 35, 193-200.	1.4	5
13	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.	1.4	5
14	NLRP3 Activation Contributes to Acute Brain Damage Leading to Memory Impairment in Sepsis-Surviving Rats. <i>Molecular Neurobiology</i> , 2020, 57, 5247-5262.	1.9	18
15	Exposure to a high dose of amoxicillin causes behavioral changes and oxidative stress in young zebrafish. <i>Metabolic Brain Disease</i> , 2020, 35, 1407-1416.	1.4	17
16	Effect of Aerobic Physical Exercise in an Animal Model of Duchenne Muscular Dystrophy. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 1552-1564.	1.1	3
17	Melatonin ameliorates oxidative stress and DNA damage of rats subjected to a chemically induced chronic model of Maple Syrup Urine Disease. <i>Metabolic Brain Disease</i> , 2020, 35, 905-914.	1.4	6
18	Autism associated with 12q (12q24.31-q24.33) deletion: further report of an exceedingly rare disorder. <i>Einstein (Sao Paulo, Brazil)</i> , 2020, 18, eRC5335.	0.3	1

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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.	0.7	10
20	Acute exposure to leucine modifies behavioral parameters and cholinergic activity in zebrafish. <i>International Journal of Developmental Neuroscience</i> , 2019, 78, 222-226.	0.7	17
21	Mitochondrial dysfunction is associated with long-term cognitive impairment in an animal sepsis model. <i>Clinical Science</i> , 2019, 133, 1993-2004.	1.8	32
22	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.	1.4	13
23	Increased oxidative stress in the mitochondria isolated from lymphocytes of bipolar disorder patients during depressive episodes. <i>Psychiatry Research</i> , 2018, 264, 192-201.	1.7	37
24	Brain bioenergetics in rats with acute hyperphenylalaninemia. <i>Neurochemistry International</i> , 2018, 117, 188-203.	1.9	13
25	Novel insights into mitochondrial molecular targets of iron-induced neurodegeneration: Reversal by cannabidiol. <i>Brain Research Bulletin</i> , 2018, 139, 1-8.	1.4	38
26	Antioxidants Reverse the Changes in the Cholinergic System Caused by L-Tyrosine Administration in Rats. <i>Neurotoxicity Research</i> , 2018, 34, 769-780.	1.3	5
27	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.	1.9	12
28	Evaluation of plasma biomarkers of inflammation in patients with maple syrup urine disease. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 631-640.	1.7	15
29	Effects of Acerola (<i>Malpighia emarginata</i> DC.) Juice Intake on Brain Energy Metabolism of Mice Fed a Cafeteria Diet. <i>Molecular Neurobiology</i> , 2017, 54, 954-963.	1.9	14
30	Methylphenidate Causes Behavioral Impairments and Neuron and Astrocyte Loss in the Hippocampus of Juvenile Rats. <i>Molecular Neurobiology</i> , 2017, 54, 4201-4216.	1.9	21
31	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.	1.9	4
32	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.	1.4	24
33	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.	1.1	21
34	Effect of acute and long-term administration of gold nanoparticles on biochemical parameters in rat brain. <i>Materials Science and Engineering C</i> , 2017, 79, 748-755.	3.8	21
35	Acute and long-term effects of intracerebroventricular administration of \pm -ketoisocaproic acid on oxidative stress parameters and cognitive and noncognitive behaviors. <i>Metabolic Brain Disease</i> , 2017, 32, 1507-1518.	1.4	9
36	LC/QTOF profile and preliminary stability studies of an enriched flavonoid fraction of <i>Cecropia pachystachya</i> TrÃ©cul leaves with potential antidepressant-like activity. <i>Biomedical Chromatography</i> , 2017, 31, e3982.	0.8	21

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37	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.	1.4	10
38	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.	1.4	4
39	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.	1.4	14
40	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.	1.4	9
41	Serum Markers of Neurodegeneration in Maple Syrup Urine Disease. <i>Molecular Neurobiology</i> , 2017, 54, 5709-5719.	1.9	21
42	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.	1.4	10
43	Evidence of oxidative stress in brain and liver of young rats submitted to experimental galactosemia. <i>Metabolic Brain Disease</i> , 2016, 31, 1381-1390.	1.4	7
44	Mitochondrial dysfunction in bipolar disorder: Evidence, pathophysiology and translational implications. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 694-713.	2.9	121
45	Activity of Krebs cycle enzymes in <i>mdx</i> mice. <i>Muscle and Nerve</i> , 2016, 53, 91-95.	1.0	8
46	Doxorubicin caused severe hyperglycaemia and insulin resistance, mediated by inhibition in AMPk signalling in skeletal muscle. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 615-625.	2.9	79
47	Enriched Flavonoid Fraction from <i>Cecropia pachystachya</i> TrĂ©cul Leaves Exerts Antidepressant-like Behavior and Protects Brain Against Oxidative Stress in Rats Subjected to Chronic Mild Stress. <i>Neurotoxicity Research</i> , 2016, 29, 469-483.	1.3	40
48	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.	0.7	13
49	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, 377-383.	1.4	13
50	Acute Carnosine Administration Increases Respiratory Chain Complexes and Citric Acid Cycle Enzyme Activities in Cerebral Cortex of Young Rats. <i>Molecular Neurobiology</i> , 2016, 53, 5582-5590.	1.9	16
51	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.	1.9	15
52	Effects of primaquine and chloroquine on oxidative stress parameters in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1487-1496.	0.3	21
53	Acute administration of fenproporex increased acetylcholinesterase activity in brain of young rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1389-1395.	0.3	12
54	D-glyceric aciduria. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1409-1414.	0.3	6

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55	Neurotoxic effects of fructose administration in rat brain: implications for fructosemia. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1451-1459.	0.3	3
56	Phenylketonuria Pathophysiology: on the Role of Metabolic Alterations. , 2015, 6, 390.		73
57	Acute Administration of Branched-Chain Amino Acids Increases the Pro-BDNF/Total-BDNF Ratio in the Rat Brain. <i>Neurochemical Research</i> , 2015, 40, 885-893.	1.6	9
58	Effects of chronic administration of fenproporex on cognitive and non-cognitive behaviors. <i>Metabolic Brain Disease</i> , 2015, 30, 583-588.	1.4	1
59	Decaffeinated green tea extract rich in epigallocatechin-3-gallate prevents fatty liver disease by increased activities of mitochondrial respiratory chain complexes in diet-induced obesity mice. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1348-1356.	1.9	72
60	Maternal deprivation disrupts mitochondrial energy homeostasis in the brain of rats subjected to ketamine-induced schizophrenia. <i>Metabolic Brain Disease</i> , 2015, 30, 1043-1053.	1.4	16
61	Gold nanoparticles alter parameters of oxidative stress and energy metabolism in organs of adult rats. <i>Biochemistry and Cell Biology</i> , 2015, 93, 548-557.	0.9	37
62	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, 1144-1152.	1.6	20
63	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.	1.3	33
64	Evidence that 3-hydroxy-3-methylglutaric and 3-methylglutaric acids induce DNA damage in rat striatum. <i>Metabolic Brain Disease</i> , 2015, 30, 1055-1062.	1.4	8
65	Regulation of leukocyte tricarboxylic acid cycle in drug-naïve Bipolar Disorder. <i>Neuroscience Letters</i> , 2015, 605, 65-68.	1.0	12
66	Methylphenidate increases glucose uptake in the brain of young and adult rats. <i>Pharmacological Reports</i> , 2015, 67, 1033-1040.	1.5	7
67	The characterization of neuroenergetic effects of chronic L-tyrosine administration in young rats: evidence for striatal susceptibility. <i>Metabolic Brain Disease</i> , 2015, 30, 215-221.	1.4	12
68	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, 545-553.	1.4	31
69	Lithium increases leukocyte mitochondrial complex I activity in bipolar disorder during depressive episodes. <i>Psychopharmacology</i> , 2015, 232, 245-250.	1.5	51
70	Brain and Muscle Redox Imbalance Elicited by Acute Ethylmalonic Acid Administration. <i>PLoS ONE</i> , 2015, 10, e0126606.	1.1	12
71	In vivo and in vitro effects of fructose on rat brain acetylcholinesterase activity: an ontogenetic study. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 1919-1926.	0.3	5
72	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, 138-142.	0.9	8

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73	Fluvoxamine alters the activity of energy metabolism enzymes in the brain. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 220-226.	0.9	10
74	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.	1.0	31
75	Evaluation of NCS-1, DARPP-32, and neurotrophins in hippocampus and prefrontal cortex in rats submitted to sepsis. <i>Synapse</i> , 2014, 68, 474-479.	0.6	10
76	Intratracheal administration of antioxidants and ceftriaxone reduces pulmonary injury and mortality rate in an experimental model of sepsis. <i>Respirology</i> , 2014, 19, 1080-1087.	1.3	12
77	Effects of acute administration of mazindol on brain energy metabolism in adult mice. <i>Acta Neuropsychiatrica</i> , 2014, 26, 146-154.	1.0	3
78	Coadministration of Branched-Chain Amino Acids and Lipopolysaccharide Causes Matrix Metalloproteinase Activation and Blood-Brain Barrier Breakdown. <i>Molecular Neurobiology</i> , 2014, 50, 358-367.	1.9	16
79	Evaluation of the protective effect of <i>Ilex paraguariensis</i> and <i>Camellia sinensis</i> extracts on the prevention of oxidative damage caused by ultraviolet radiation. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 195-201.	2.0	21
80	Omega-3 fatty acids alter behavioral and oxidative stress parameters in animals subjected to fenproporex administration. <i>Metabolic Brain Disease</i> , 2014, 29, 185-192.	1.4	9
81	Methylmalonic acid administration induces DNA damage in rat brain and kidney. <i>Molecular and Cellular Biochemistry</i> , 2014, 391, 137-145.	1.4	14
82	l-Tyrosine Induces DNA Damage in Brain and Blood of Rats. <i>Neurochemical Research</i> , 2014, 39, 202-207.	1.6	29
83	Synergistic effects of resistance training and protein intake: Practical aspects. <i>Nutrition</i> , 2014, 30, 1097-1103.	1.1	20
84	Brain apoptosis signaling pathways are regulated by methylphenidate treatment in young and adult rats. <i>Brain Research</i> , 2014, 1583, 269-276.	1.1	26
85	Iontophoresis with gold nanoparticles improves mitochondrial activity and oxidative stress markers of burn wounds. <i>Materials Science and Engineering C</i> , 2014, 44, 380-385.	3.8	37
86	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, 10-17.	1.4	27
87	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, 483-487.	1.7	9
88	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, 734-740.	1.9	12
89	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, 877-892.	1.9	20
90	IL-1 β Involvement in Cognitive Impairment after Sepsis. <i>Molecular Neurobiology</i> , 2014, 49, 1069-1076.	1.9	87

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91	Evaluation of the Effects of Fructose on Oxidative Stress and Inflammatory Parameters in Rat Brain. <i>Molecular Neurobiology</i> , 2014, 50, 1124-1130.	1.9	22
92	Mitochondria and the central nervous system: searching for a pathophysiological basis of psychiatric disorders. <i>Revista Brasileira De Psiquiatria</i> , 2014, 36, 156-167.	0.9	68
93	Homocysteine induces energy imbalance in rat skeletal muscle: Is creatine a protector?. <i>Cell Biochemistry and Function</i> , 2013, 31, 575-584.	1.4	31
94	<i>In vitro</i> effect of antipsychotics on brain energy metabolism parameters in the brain of rats. <i>Acta Neuropsychiatrica</i> , 2013, 25, 18-26.	1.0	8
95	Evaluation of energetic metabolism in the rat brain after meningitis induction by <i>Klebsiella pneumoniae</i> . <i>Acta Neuropsychiatrica</i> , 2013, 25, 95-100.	1.0	1
96	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, 171-176.	1.4	2
97	Increased susceptibility of brain acetylcholinesterase activity to methylmalonate in young rats with renal failure. <i>Metabolic Brain Disease</i> , 2013, 28, 493-500.	1.4	7
98	Effect of Acute and Chronic Administration of L-Tyrosine on Nerve Growth Factor Levels in Rat Brain. <i>Neurochemical Research</i> , 2013, 38, 1742-1746.	1.6	10
99	Methylphenidate Treatment Leads to Abnormalities on Krebs Cycle Enzymes in the Brain of Young and Adult Rats. <i>Neurotoxicity Research</i> , 2013, 24, 251-257.	1.3	19
100	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, 327-335.	1.3	21
101	Sodium butyrate reverses the inhibition of Krebs cycle enzymes induced by amphetamine in the rat brain. <i>Journal of Neural Transmission</i> , 2013, 120, 1737-1742.	1.4	25
102	Central Nervous System Involvement in the Animal Model of Myodystrophy. <i>Molecular Neurobiology</i> , 2013, 48, 71-77.	1.9	5
103	Effect of Acute Administration of L-Tyrosine on Oxidative Stress Parameters in Brain of Young Rats. <i>Neurochemical Research</i> , 2013, 38, 2625-2630.	1.6	32
104	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, 129-137.	1.4	11
105	Late brain alterations in sepsis survivor rats. <i>Synapse</i> , 2013, 67, 786-793.	0.6	22
106	Mitochondrial activity and oxidative stress markers in peripheral blood mononuclear cells of patients with bipolar disorder, schizophrenia, and healthy subjects. <i>Journal of Psychiatric Research</i> , 2013, 47, 1396-1402.	1.5	92
107	Ethylmalonic acid modulates Na ⁺ , K ⁺ -ATPase activity and mRNA levels in rat cerebral cortex. <i>Synapse</i> , 2013, 67, 111-117.	0.6	4
108	Acute administration of L-Tyrosine alters energetic metabolism of hippocampus and striatum of infant rats. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 303-307.	0.7	13

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109	Lithium and valproate modulate energy metabolism in an animal model of mania induced by methamphetamine. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 589-596.	1.3	51
110	Acute renal failure potentiates brain energy dysfunction elicited by methylmalonic acid. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 245-249.	0.7	6
111	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.	1.4	37
112	Acute and Chronic Administration of the Branched-Chain Amino Acids Decreases Nerve Growth Factor in Rat Hippocampus. <i>Molecular Neurobiology</i> , 2013, 48, 581-589.	1.9	24
113	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, 721-730.	1.7	27
114	Behavioral Responses in Rats Submitted to Chronic Administration of Branched-Chain Amino Acids. <i>JIMD Reports</i> , 2013, 13, 159-167.	0.7	14
115	Î²-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, 328-333.	1.0	9
116	DNA damage induced by phenylalanine and its analogue <i>p</i> -chlorophenylalanine in blood and brain of rats subjected to a model of hyperphenylalaninemia. <i>Biochemistry and Cell Biology</i> , 2013, 91, 319-324.	0.9	20
117	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, 380-386.	0.9	36
118	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, 1-7.	0.7	23
119	L-Tyrosine administration increases acetylcholinesterase activity in rats. <i>Neurochemistry International</i> , 2012, 61, 1370-1374.	1.9	41
120	Erythropoietin reverts cognitive impairment and alters the oxidative parameters and energetic metabolism in sepsis animal model. <i>Journal of Neural Transmission</i> , 2012, 119, 1267-1274.	1.4	16
121	Inhibition of acetylcholinesterase activity in brain and behavioral analysis in adult rats after chronic administration of fenproporex. <i>Metabolic Brain Disease</i> , 2012, 27, 453-458.	1.4	6
122	Behavioral changes and brain energy metabolism dysfunction in rats treated with methamphetamine or dextroamphetamine. <i>Neuroscience Letters</i> , 2012, 530, 75-79.	1.0	28
123	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.	0.9	0
124	DNA damage in an animal model of maple syrup urine disease. <i>Molecular Genetics and Metabolism</i> , 2012, 106, 169-174.	0.5	28
125	Antioxidant administration prevents memory impairment in an animal model of maple syrup urine disease. <i>Behavioural Brain Research</i> , 2012, 231, 92-96.	1.2	23
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, 526-535.	1.2	35

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127	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, 467-474.	1.9	13
128	Gastrin-Releasing Peptide Receptor Antagonism Induces Protection from Lethal Sepsis: Involvement of Toll-like Receptor 4 Signaling. <i>Molecular Medicine</i> , 2012, 18, 1209-1219.	1.9	12
129	Evaluation of Acetylcholinesterase in an Animal Model of Maple Syrup Urine Disease. <i>Molecular Neurobiology</i> , 2012, 45, 279-286.	1.9	18
130	Administration of memantine and imipramine alters mitochondrial respiratory chain and creatine kinase activities in rat brain. <i>Journal of Neural Transmission</i> , 2012, 119, 481-491.	1.4	20
131	Differential effects of escitalopram administration on metabolic parameters of cortical and subcortical brain regions of Wistar rats. <i>Acta Neuropsychiatrica</i> , 2012, 24, 147-154.	1.0	11
132	Brain energy metabolism is increased by chronic administration of bupropion. <i>Acta Neuropsychiatrica</i> , 2012, 24, 115-121.	1.0	6
133	Effects of maintenance electroshock on mitochondrial respiratory chain and creatine kinase activities in the rat brain. <i>Acta Neuropsychiatrica</i> , 2012, 24, 275-285.	1.0	1
134	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, 348-353.	1.3	28
135	Pulsed ultrasound associated with gold nanoparticle gel reduces oxidative stress parameters and expression of pro-inflammatory molecules in an animal model of muscle injury. <i>Journal of Nanobiotechnology</i> , 2012, 10, 11.	4.2	45
136	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, 329-335.	1.4	29
137	Alterations in muscular oxidative metabolism parameters in incremental treadmill exercise test in untrained rats. <i>European Journal of Applied Physiology</i> , 2012, 112, 387-396.	1.2	9
138	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.	0.9	10
139	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, 1163-1174.	1.9	37
140	Treatment with olanzapine, fluoxetine and olanzapine/fluoxetine alters citrate synthase activity in rat brain. <i>Neuroscience Letters</i> , 2011, 487, 278-281.	1.0	38
141	Interval training does not decrease oxidative stress in the heart of mice. <i>International Journal of Cardiology</i> , 2011, 147, 308-309.	0.8	3
142	Brain energy metabolism is activated after acute and chronic administration of fenproporex in young rats. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 937-942.	0.7	9
143	Antioxidant Treatment Reverses Organ Failure in Rat Model of Sepsis: Role of Antioxidant Enzymes Imbalance, Neutrophil Infiltration, and Oxidative Stress. <i>Journal of Surgical Research</i> , 2011, 167, e307-e313.	0.8	83
144	Skeletal Muscle Electron Transport Chain Dysfunction After Sepsis in Rats. <i>Journal of Surgical Research</i> , 2011, 167, e333-e338.	0.8	33

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