

Alexandra Latini

List of Publications by Year in Descending Order

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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.

133
papers

3,763
citations

38
h-index

54
g-index

142
ext. papers

4,297
ext. citations

4.8
avg, IF

5.11
L-index

#	Paper	IF	Citations
133	Functional and enzymatic improvement during pregnancy in McArdleB disease.. <i>Journal of the Neurological Sciences</i> , 2022 , 434, 120153	3.2	
132	Muscle Fatigue Is Attenuated When Applying Intermittent Compared With Continuous Blood Flow Restriction During Endurance Cycling.. <i>International Journal of Sports Physiology and Performance</i> , 2022 , 1-6	3.5	
131	Physical-Exercise-Induced Antioxidant Effects on the Brain and Skeletal Muscle. <i>Antioxidants</i> , 2022 , 11, 826	7.1	0
130	Commentary: Urinary Neopterin, a New Marker of the Neuroinflammatory Status in Amyotrophic Lateral Sclerosis. <i>Frontiers in Neuroscience</i> , 2021 , 15, 645694	5.1	0
129	Impaired dopamine metabolism is linked to fatigability in mice and fatigue in ParkinsonB disease patients. <i>Brain Communications</i> , 2021 , 3, fcab116	4.5	0
128	3-Hydroxyglutaric Acid as a Neurotoxin 2021 , 1-20		
127	The ERK phosphorylation levels in the amygdala predict anxiety symptoms in humans and MEK/ERK inhibition dissociates innate and learned defensive behaviors in rats. <i>Molecular Psychiatry</i> , 2021 ,	15.1	6
126	Kynurenine and Tetrahydrobiopterin Pathways Crosstalk in Pain Hypersensitivity. <i>Frontiers in Neuroscience</i> , 2020 , 14, 620	5.1	10
125	Physical Exercise Potentials Against Viral Diseases Like COVID-19 in the Elderly. <i>Frontiers in Medicine</i> , 2020 , 7, 379	4.9	12
124	Caffeine Consumption plus Physical Exercise Improves Behavioral Impairments and Stimulates Neuroplasticity in Spontaneously Hypertensive Rats (SHR): an Animal Model of Attention Deficit Hyperactivity Disorder. <i>Molecular Neurobiology</i> , 2020 , 57, 3902-3919	6.2	5
123	Temporal development of neurochemical and cognitive impairments following reserpine administration in rats. <i>Behavioural Brain Research</i> , 2020 , 383, 112517	3.4	4
122	Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020 , 83, 153-167	3.2	4
121	Exercise-induced immune system response: Anti-inflammatory status on peripheral and central organs. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165823	6.9	65
120	Pivotal role of NF-B in cellular senescence of experimental pituitary tumours. <i>Journal of Endocrinology</i> , 2020 , 245, 179-191	4.7	3
119	A Brazilian pulp and paper mill effluent disrupts energy metabolism in immature rat testis and alters Sertoli cell secretion and mitochondrial activity. <i>Animal Reproduction</i> , 2020 , 17, e20190116	1.7	2
118	Elevated neopterin levels are associated with acute-on-chronic liver failure and mortality in patients with liver cirrhosis. <i>Digestive and Liver Disease</i> , 2020 , 52, 753-760	3.3	
117	Kynurenine, Tetrahydrobiopterin, and Cytokine Inflammatory Biomarkers in Individuals Affected by Diabetic Neuropathic Pain. <i>Frontiers in Neuroscience</i> , 2020 , 14, 890	5.1	6

116	Novel immune biomarkers in complex regional pain syndrome. <i>Journal of Neuroimmunology</i> , 2020 , 347, 577330	3.5	6
115	The effect of voluntary wheel running on the antioxidant status is dependent on sociability conditions. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 198, 173018	3.9	1
114	Exposure to the herbicide 2,4-dichlorophenoxyacetic acid impairs mitochondrial function, oxidative status, and behavior in adult zebrafish. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 45874-45882	5.1	4
113	Amygdala levels of the GluA1 subunit of glutamate receptors and its phosphorylation state at serine 845 in the anterior hippocampus are biomarkers of ictal fear but not anxiety. <i>Molecular Psychiatry</i> , 2020 , 25, 655-665	15.1	14
112	Sepiapterin Reductase Inhibition Leading to Selective Reduction of Inflammatory Joint Pain in Mice and Increased Urinary Sepiapterin Levels in Humans and Mice. <i>Arthritis and Rheumatology</i> , 2020 , 72, 57-66	9.5	7
111	Deep Brain Stimulation for Obesity: A Review and Future Directions. <i>Frontiers in Neuroscience</i> , 2019 , 13, 323	5.1	22
110	Epigenetic modifications induced by exercise: Drug-free intervention to improve cognitive deficits associated with obesity. <i>Physiology and Behavior</i> , 2019 , 204, 309-323	3.5	7
109	Moderate running exercise prevents excessive immune system activation. <i>Physiology and Behavior</i> , 2019 , 204, 248-255	3.5	10
108	Oxidative Stress: Neuropathy, Excitability, and Neurodegeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 2715326	6.7	6
107	Chronic Metabolic Derangement-Induced Cognitive Deficits and Neurotoxicity Are Associated with REST Inactivation. <i>Molecular Neurobiology</i> , 2019 , 56, 1539-1557	6.2	6
106	Impact of homocysteine on vasculogenic factors and bone formation in chicken embryos. <i>Cell Biology and Toxicology</i> , 2019 , 35, 49-58	7.4	3
105	Profiling of how nociceptor neurons detect danger - new and old foes. <i>Journal of Internal Medicine</i> , 2019 , 286, 268-289	10.8	9
104	Effects of photobiomodulation on mitochondria of brain, muscle, and C6 astrogloma cells. <i>Medical Engineering and Physics</i> , 2019 , 71, 108-113	2.4	8
103	Standardization of exercise intensity and consideration of a dose-response is essential. Commentary on "Exercise-linked FNDC5/irisin rescues synaptic plasticity and memory defects in Alzheimer's models", by Lourenco et al., published 2019 in. <i>Journal of Sport and Health Science</i> , 2019 , 8, 353-354	8.2	20
102	Predictors of Pain Recurrence After Lumbar Facet Joint Injections. <i>Frontiers in Neuroscience</i> , 2019 , 13, 958	5.1	3
101	Effects of Ghrelin on the Oxidative Stress and Healing of the Colonic Anastomosis in Rats. <i>Journal of Surgical Research</i> , 2019 , 234, 167-177	2.5	5
100	De novo tetrahydrobiopterin biosynthesis is impaired in the inflamed striatum of parkin mice. <i>Cell Biology International</i> , 2018 , 42, 725-733	4.5	5
99	Oxidative stress and mitochondrial adaptive shift during pituitary tumoral growth. <i>Free Radical Biology and Medicine</i> , 2018 , 120, 41-55	7.8	14

98	Tetrahydrobiopterin improves hippocampal nitric oxide-linked long-term memory. <i>Molecular Genetics and Metabolism</i> , 2018 , 125, 104-111	3.7	8
97	Low-concentration exposure to glyphosate-based herbicide modulates the complexes of the mitochondrial respiratory chain and induces mitochondrial hyperpolarization in the Danio rerio brain. <i>Chemosphere</i> , 2018 , 209, 353-362	8.4	40
96	Treating Depression with Exercise 2018 , 100-110		0
95	Neopterin preconditioning prevents inflammasome activation in mammalian astrocytes. <i>Free Radical Biology and Medicine</i> , 2018 , 115, 371-382	7.8	19
94	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , 2018 , 563, 564-568	50.4	103
93	1,25(OH) ₂ vitamin D ₃ signalling on immature rat Sertoli cells: gamma-glutamyl transpeptidase and glucose metabolism. <i>Journal of Cell Communication and Signaling</i> , 2017 , 11, 233-243	5.2	7
92	Uric acid activates NLRP3 inflammasome in an in-vivo model of epithelial to mesenchymal transition in the kidney. <i>Journal of Molecular Histology</i> , 2017 , 48, 209-218	3.3	24
91	Neuropsychological functioning and brain energetics of drug resistant mesial temporal lobe epilepsy patients. <i>Epilepsy Research</i> , 2017 , 138, 26-31	3	4
90	Mitochondrial respiratory chain complex enzyme activities of limbic structures and psychiatric diagnosis in temporal lobe epilepsy patients: Preliminary results. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 700-702	6.8	2
89	Running for REST: Physical activity attenuates neuroinflammation in the hippocampus of aged mice. <i>Brain, Behavior, and Immunity</i> , 2017 , 61, 31-35	16.6	23
88	Blood advanced glycation end products and biomarkers of inflammation in class III obese Brazilian subjects. <i>Integrative Obesity and Diabetes</i> , 2017 , 3,		2
87	Moderate-Intensity Physical Exercise Protects Against Experimental 6-Hydroxydopamine-Induced Hemiparkinsonism Through Nrf2-Antioxidant Response Element Pathway. <i>Neurochemical Research</i> , 2016 , 41, 64-72	4.6	55
86	Low-level laser therapy attenuates the acute inflammatory response induced by muscle traumatic injury. <i>Free Radical Research</i> , 2016 , 50, 503-13	4	18
85	Neopterin acts as an endogenous cognitive enhancer. <i>Brain, Behavior, and Immunity</i> , 2016 , 56, 156-64	16.6	17
84	Mitochondrial Respiration Chain Enzymatic Activities in the Human Brain: Methodological Implications for Tissue Sampling and Storage. <i>Neurochemical Research</i> , 2016 , 41, 880-91	4.6	6
83	Treating depression with exercise: The inflammasome inhibition perspective. <i>Journal of Systems and Integrative Neuroscience</i> , 2016 , 3,	2.9	2
82	Influence of cadmium and salinity in the red alga <i>Pterocladia capillacea</i> : cell morphology, photosynthetic performance and antioxidant systems. <i>Revista Brasileira De Botanica</i> , 2015 , 38, 737-749	1.2	8
81	Reduction of Neuropathic and Inflammatory Pain through Inhibition of the Tetrahydrobiopterin Pathway. <i>Neuron</i> , 2015 , 86, 1393-406	13.9	76

80	Kuehne LK, Reiber H, Bechter K, Hagberg L, Fuchs D., Cerebrospinal fluid neopterin is brain-derived and not associated with blood-CSF barrier dysfunction in non-inflammatory affective and schizophrenic spectrum disorders. <i>Journal of Psychiatric Research</i> , Volume 47, Issue 10, October 2013, pages 1417-1422. <i>Journal of Psychiatric Research</i> , 2015 , 63, 141-2	5.2	9
79	Evidence of cellular senescence during the development of estrogen-induced pituitary tumors. <i>Endocrine-Related Cancer</i> , 2015 , 22, 299-317	5.7	13
78	Neuroprotective effects of a brain permeant 6-aminoquinoxaline derivative in cell culture conditions that model the loss of dopaminergic neurons in Parkinson disease. <i>European Journal of Medicinal Chemistry</i> , 2015 , 89, 467-79	6.8	14
77	Metabolic profile of the brown macroalga <i>Sargassum cymosum</i> (Phaeophyceae, Fucales) under laboratory UV radiation and salinity conditions. <i>Journal of Applied Phycology</i> , 2015 , 27, 887-899	3.2	10
76	Neopterin as a potential cytoprotective brain molecule. <i>Journal of Psychiatric Research</i> , 2015 , 71, 134-9	5.2	27
75	Diphenyl diselenide administration enhances cortical mitochondrial number and activity by increasing hemeoxygenase type 1 content in a methylmercury-induced neurotoxicity mouse model. <i>Molecular and Cellular Biochemistry</i> , 2014 , 390, 1-8	4.2	31
74	Effects of exercise on mitochondrial function, neuroplasticity and anxio-depressive behavior of mice. <i>Neuroscience</i> , 2014 , 271, 56-63	3.9	54
73	Role of hormonal levels on hospital mortality for male patients with severe traumatic brain injury. <i>Brain Injury</i> , 2014 , 28, 1262-9	2.1	9
72	Increased platelet oxidative metabolism, blood oxidative stress and neopterin levels after ultra-endurance exercise. <i>Journal of Sports Sciences</i> , 2014 , 32, 22-30	3.6	33
71	Six weeks of voluntary exercise don't protect C57BL/6 mice against neurotoxicity of MPTP and MPP(+). <i>Neurotoxicity Research</i> , 2014 , 25, 147-52	4.3	21
70	Diphenyl diselenide prevents cortico-cerebral mitochondrial dysfunction and oxidative stress induced by hypercholesterolemia in LDL receptor knockout mice. <i>Neurochemical Research</i> , 2013 , 38, 2028-36	4.6	27
69	Protective effects of diphenyl diselenide in a mouse model of brain toxicity. <i>Chemico-Biological Interactions</i> , 2013 , 206, 18-26	5	34
68	Exercise attenuates levodopa-induced dyskinesia in 6-hydroxydopamine-lesioned mice. <i>Neuroscience</i> , 2013 , 243, 46-53	3.9	30
67	Disubstituted diaryl diselenides as potential atheroprotective compounds: Involvement of TrxR and GPx-like systems. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 48, 717-25	5.1	10
66	Platelet oxygen consumption as a peripheral blood marker of brain energetics in a mouse model of severe neurotoxicity. <i>Journal of Bioenergetics and Biomembranes</i> , 2013 , 45, 449-57	3.7	10
65	Effect of ultraviolet-B radiation in laboratory on morphological and ultrastructural characteristics and physiological parameters of selected cultivar of <i>Oryza sativa</i> L. <i>Protoplasma</i> , 2013 , 250, 1303-13	3.4	6
64	The effects of lead and copper on the cellular architecture and metabolism of the red alga <i>Gracilaria domingensis</i> . <i>Microscopy and Microanalysis</i> , 2013 , 19, 513-24	0.5	34
63	Phytochemical profile, toxicity and antioxidant activity of <i>Aloysia gratissima</i> (Verbenaceae). <i>Quimica Nova</i> , 2013 , 36, 69-73	1.6	15

62	Resveratrol protects C6 astrocyte cell line against hydrogen peroxide-induced oxidative stress through heme oxygenase 1. <i>PLoS ONE</i> , 2013 , 8, e64372	3.7	94
61	Effects of natural radiation, photosynthetically active radiation and artificial ultraviolet radiation-B on the chloroplast organization and metabolism of <i>Porphyra acanthophora</i> var. <i>brasiliensis</i> (Rhodophyta, Bangiales). <i>Microscopy and Microanalysis</i> , 2012 , 18, 1467-79	0.5	15
60	Response of the agarophyte <i>Gelidium floridanum</i> after in vitro exposure to ultraviolet radiation B: changes in ultrastructure, pigments, and antioxidant systems. <i>Journal of Applied Phycology</i> , 2012 , 24, 1341-1352	3.2	19
59	Responses of the macroalgae <i>Hypnea musciformis</i> after in vitro exposure to UV-B. <i>Aquatic Botany</i> , 2012 , 100, 8-17	1.8	45
58	Lithium and valproate prevent olfactory discrimination and short-term memory impairments in the intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) rat model of Parkinson's disease. <i>Behavioural Brain Research</i> , 2012 , 229, 208-15	3.4	58
57	Impact of different resistance training protocols on muscular oxidative stress parameters. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 1239-46	3	45
56	In vivo manganese exposure modulates Erk, Akt and Darpp-32 in the striatum of developing rats, and impairs their motor function. <i>PLoS ONE</i> , 2012 , 7, e33057	3.7	68
55	Alterations in architecture and metabolism induced by ultraviolet radiation-B in the carragenophyte <i>Chondracanthus teedei</i> (Rhodophyta, Gigartinales). <i>Protoplasma</i> , 2012 , 249, 353-67	3.4	42
54	Effects of Cadmium on Growth, Photosynthetic Pigments, Photosynthetic Performance, Biochemical Parameters and Structure of Chloroplasts in the Agarophyte <i>Gracilaria domingensis</i> (Rhodophyta, Gracilariales). <i>American Journal of Plant Sciences</i> , 2012 , 03, 1077-1084	0.5	38
53	Differential effects of insulin on peripheral diabetes-related changes in mitochondrial bioenergetics: involvement of advanced glycosylated end products. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011 , 1812, 1460-71	6.9	29
52	Molecular aspects involved in swimming exercise training reducing anhedonia in a rat model of depression. <i>Neuroscience</i> , 2011 , 192, 661-74	3.9	84
51	Positive correlation between elevated plasma cholesterol levels and cognitive impairments in LDL receptor knockout mice: relevance of cortico-cerebral mitochondrial dysfunction and oxidative stress. <i>Neuroscience</i> , 2011 , 197, 99-106	3.9	71
50	The intranasal administration of 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP): a new rodent model to test palliative and neuroprotective agents for Parkinson's disease. <i>Current Pharmaceutical Design</i> , 2011 , 17, 489-507	3.3	61
49	Folic acid plus Tocopherol mitigates amyloid- β -induced neurotoxicity through modulation of mitochondrial complexes activity. <i>Journal of Alzheimer's Disease</i> , 2011 , 24, 61-75	4.3	66
48	Short bouts of mild-intensity physical exercise improve spatial learning and memory in aging rats: involvement of hippocampal plasticity via AKT, CREB and BDNF signaling. <i>Mechanisms of Ageing and Development</i> , 2011 , 132, 560-7	5.6	179
47	Hydroxyl containing seleno-imine compound exhibits improved anti-oxidant potential and does not inhibit thiol-containing enzymes. <i>Chemico-Biological Interactions</i> , 2011 , 190, 35-44	5	13
46	Effects of low-power laser irradiation (LPLI) at different wavelengths and doses on oxidative stress and fibrogenesis parameters in an animal model of wound healing. <i>Lasers in Medical Science</i> , 2011 , 26, 125-31	3.1	87
45	In vitro neurotoxic properties and excitatory aminoacids concentration in the cerebrospinal fluid of amyotrophic lateral sclerosis patients. Relationship with the degree of certainty of disease diagnoses. <i>Acta Neurologica Scandinavica</i> , 2010 , 121, 120-6	3.8	28

44	Neurobiological alterations induced by exercise and their impact on depressive disorders [corrected]. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2010 , 6, 115-25	3.2	50
43	Oxidative stress-mediated inhibition of brain creatine kinase activity by methylmercury. <i>NeuroToxicology</i> , 2010 , 31, 454-60	4.4	52
42	Effects of inorganic selenium administration in methylmercury-induced neurotoxicity in mouse cerebral cortex. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 631-7	2.7	71
41	High-intensity physical exercise disrupts implicit memory in mice: involvement of the striatal glutathione antioxidant system and intracellular signaling. <i>Neuroscience</i> , 2010 , 171, 1216-27	3.9	40
40	Effects of environmental and artificial UV-B radiation on freshwater prawn <i>Macrobrachium olfersi</i> embryos. <i>Aquatic Toxicology</i> , 2010 , 98, 25-33	5.1	20
39	Proanthocyanidin-rich fraction from <i>Croton celtidifolius</i> Baill confers neuroprotection in the intranasal 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine rat model of Parkinson's disease. <i>Journal of Neural Transmission</i> , 2010 , 117, 1337-51	4.3	47
38	The intra-hippocampal leucine administration impairs memory consolidation and LTP generation in rats. <i>Cellular and Molecular Neurobiology</i> , 2010 , 30, 1067-75	4.6	10
37	Acute exposure of rabbits to diphenyl diselenide: a toxicological evaluation. <i>Journal of Applied Toxicology</i> , 2010 , 30, 761-8	4.1	14
36	Draft for Clinical Practice and Epidemiology in Mental Health Neurobiological Alterations Induced by Exercise and Their Impact on Depressive Disorders. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2010 , 1, 115-125	3.2	5
35	The janus face of resveratrol in astroglial cells. <i>Neurotoxicity Research</i> , 2009 , 16, 30-41	4.3	42
34	Synergistic neurotoxicity induced by methylmercury and quercetin in mice. <i>Food and Chemical Toxicology</i> , 2009 , 47, 645-9	4.7	26
33	Astrocytic proliferation and mitochondrial dysfunction induced by accumulated glutaric acidemia I (GAI) metabolites: possible implications for GAI pathogenesis. <i>Neurobiology of Disease</i> , 2008 , 32, 528-34	7.5	39
32	Induction of oxidative stress by the metabolites accumulating in 3-methylglutaconic aciduria in cerebral cortex of young rats. <i>Life Sciences</i> , 2008 , 82, 652-62	6.8	26
31	Antioxidant and pro-oxidant properties of boldine on hippocampal slices exposed to oxygen-glucose deprivation in vitro. <i>NeuroToxicology</i> , 2008 , 29, 1136-40	4.4	17
30	Induction of oxidative stress by the metabolites accumulating in isovaleric acidemia in brain cortex of young rats. <i>Free Radical Research</i> , 2008 , 42, 707-15	4	18
29	Tryptophan administration induces oxidative stress in brain cortex of rats. <i>Metabolic Brain Disease</i> , 2008 , 23, 221-33	3.9	20
28	Evidence that 3-hydroxy-3-methylglutaric acid promotes lipid and protein oxidative damage and reduces the nonenzymatic antioxidant defenses in rat cerebral cortex. <i>Journal of Neuroscience Research</i> , 2008 , 86, 683-93	4.4	27
27	Oxidative stress induction by cis-4-decenoic acid: relevance for MCAD deficiency. <i>Free Radical Research</i> , 2007 , 41, 1261-72	4	17

26	Energy metabolism is compromised in skeletal muscle of rats chronically-treated with glutaric acid. <i>Metabolic Brain Disease</i> , 2007 , 22, 111-23	3.9	12
25	Evidence for oxidative stress in tissues derived from succinate semialdehyde dehydrogenase-deficient mice. <i>Journal of Inherited Metabolic Disease</i> , 2007 , 30, 800-10	5.4	26
24	Kynurenines impair energy metabolism in rat cerebral cortex. <i>Cellular and Molecular Neurobiology</i> , 2007 , 27, 147-60	4.6	26
23	Induction of oxidative stress by chronic and acute glutaric acid administration to rats. <i>Cellular and Molecular Neurobiology</i> , 2007 , 27, 423-38	4.6	46
22	In vitro evidence for an antioxidant role of 3-hydroxykynurenine and 3-hydroxyanthranilic acid in the brain. <i>Neurochemistry International</i> , 2007 , 50, 83-94	4.4	68
21	In vitro effect of quinolinic acid on energy metabolism in brain of young rats. <i>Neuroscience Research</i> , 2007 , 57, 277-88	2.9	23
20	Branched-chain amino acids accumulating in maple syrup urine disease induce morphological alterations in C6 glioma cells probably through reactive species. <i>International Journal of Developmental Neuroscience</i> , 2007 , 25, 181-9	2.7	11
19	Evidence for a synergistic action of glutaric and 3-hydroxyglutaric acids disturbing rat brain energy metabolism. <i>International Journal of Developmental Neuroscience</i> , 2007 , 25, 391-8	2.7	33
18	Na ⁺ , K ⁺ ATPase activity is markedly reduced by cis-4-decenoic acid in synaptic plasma membranes from cerebral cortex of rats. <i>Experimental Neurology</i> , 2006 , 197, 143-9	5.7	13
17	Promotion of oxidative stress by L-tryptophan in cerebral cortex of rats. <i>Neurochemistry International</i> , 2006 , 49, 87-93	4.4	27
16	Morphological alterations and induction of oxidative stress in glial cells caused by the branched-chain alpha-keto acids accumulating in maple syrup urine disease. <i>Neurochemistry International</i> , 2006 , 49, 640-50	4.4	37
15	Evaluation of the mechanisms involved in leucine-induced oxidative damage in cerebral cortex of young rats. <i>Free Radical Research</i> , 2005 , 39, 71-9	4	46
14	Glutaric acid moderately compromises energy metabolism in rat brain. <i>International Journal of Developmental Neuroscience</i> , 2005 , 23, 687-93	2.7	24
13	Quinolinic acid reduces the antioxidant defenses in cerebral cortex of young rats. <i>International Journal of Developmental Neuroscience</i> , 2005 , 23, 695-701	2.7	40
12	Mitochondrial energy metabolism is markedly impaired by D-2-hydroxyglutaric acid in rat tissues. <i>Molecular Genetics and Metabolism</i> , 2005 , 86, 188-99	3.7	79
11	3-Hydroxyglutaric acid moderately impairs energy metabolism in brain of young rats. <i>Neuroscience</i> , 2005 , 135, 111-20	3.9	52
10	Glutaric acid administration impairs energy metabolism in midbrain and skeletal muscle of young rats. <i>Neurochemical Research</i> , 2005 , 30, 1123-31	4.6	29
9	Inhibition of energy metabolism by 2-methylacetoacetate and 2-methyl-3-hydroxybutyrate in cerebral cortex of developing rats. <i>Journal of Inherited Metabolic Disease</i> , 2005 , 28, 501-15	5.4	16

8	Promotion of oxidative stress by 3-hydroxyglutaric acid in rat striatum. <i>Journal of Inherited Metabolic Disease</i> , 2005 , 28, 57-67	5.4	47
7	The role of oxidative damage in the neuropathology of organic acidurias: insights from animal studies. <i>Journal of Inherited Metabolic Disease</i> , 2004 , 27, 427-48	5.4	132
6	Evidence that oxidative stress is increased in patients with X-linked adrenoleukodystrophy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004 , 1688, 26-32	6.9	81
5	Induction of oxidative stress by L-2-hydroxyglutaric acid in rat brain. <i>Journal of Neuroscience Research</i> , 2003 , 74, 103-10	4.4	50
4	D-2-hydroxyglutaric acid induces oxidative stress in cerebral cortex of young rats. <i>European Journal of Neuroscience</i> , 2003 , 17, 2017-22	3.5	85
3	3-Hydroxyglutaric acid induces oxidative stress and decreases the antioxidant defenses in cerebral cortex of young rats. <i>Brain Research</i> , 2002 , 956, 367-73	3.7	61
2	Leukodystrophy and CSF purine abnormalities associated with isolated 3-methylcrotonyl-CoA carboxylase deficiency. <i>Metabolic Brain Disease</i> , 2002 , 17, 13-8	3.9	18
1	BarthB syndrome-like disorder: a new phenotype with a maternally inherited A3243G substitution of mitochondrial DNA (MELAS mutation). <i>American Journal of Medical Genetics Part A</i> , 2001 , 99, 83-93		27