

Leticia Ferreira Pettenuzzo

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,382
citations

304743

22
h-index

361022

35
g-index

54
all docs

54
docs citations

54
times ranked

2337
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidences that maternal swimming exercise improves antioxidant defenses and induces mitochondrial biogenesis in the brain of young Wistar rats. <i>Neuroscience</i> , 2013, 246, 28-39.	2.3	68
2	Enriched environment effects on behavior, memory and BDNF in low and high exploratory mice. <i>Physiology and Behavior</i> , 2011, 102, 475-480.	2.1	67
3	Resveratrol Induces Pro-oxidant Effects and Time-Dependent Resistance to Cytotoxicity in Activated Hepatic Stellate Cells. <i>Cell Biochemistry and Biophysics</i> , 2014, 68, 247-257.	1.8	65
4	Neuroprotector effect of stem cells from human exfoliated deciduous teeth transplanted after traumatic spinal cord injury involves inhibition of early neuronal apoptosis. <i>Brain Research</i> , 2017, 1663, 95-105.	2.2	61
5	Ascorbic acid prevents cognitive deficits caused by chronic administration of propionic acid to rats in the water maze. <i>Pharmacology Biochemistry and Behavior</i> , 2002, 73, 623-629.	2.9	60
6	Guanosine Protects Against Cortical Focal Ischemia. Involvement of Inflammatory Response. <i>Molecular Neurobiology</i> , 2015, 52, 1791-1803.	4.0	49
7	Neonatal hypoxia-induced ischemia induces sex-related changes in rat brain mitochondria. <i>Mitochondrion</i> , 2012, 12, 271-279.	3.4	48
8	Differential inhibitory effects of methylmalonic acid on respiratory chain complex activities in rat tissues. <i>International Journal of Developmental Neuroscience</i> , 2006, 24, 45-52.	1.6	47
9	Amyloid- β induced toxicity involves ganglioside expression and is sensitive to GM1 neuroprotective action. <i>Neurochemistry International</i> , 2011, 59, 648-655.	3.8	43
10	The effect of unpredictable chronic mild stress on depressive-like behavior and on hippocampal A1 and striatal A2A adenosine receptors. <i>Physiology and Behavior</i> , 2013, 109, 1-7.	2.1	41
11	Inhibition of mitochondrial creatine kinase activity from rat cerebral cortex by methylmalonic acid. <i>Neurochemistry International</i> , 2004, 45, 661-667.	3.8	40
12	Effects of chronic administration of caffeine and stress on feeding behavior of rats. <i>Physiology and Behavior</i> , 2008, 95, 295-301.	2.1	37
13	Early biochemical effects after unilateral hypoxia-induced ischemia in the immature rat brain. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 115-120.	1.6	37
14	Metabolic and feeding behavior alterations provoked by prenatal exposure to aspartame. <i>Appetite</i> , 2015, 87, 168-174.	3.7	37
15	Na ⁺ , K ⁺ ATPase Activity Is Reduced in Amygdala of Rats with Chronic Stress-Induced Anxiety-Like Behavior. <i>Neurochemical Research</i> , 2010, 35, 1787-1795.	3.3	36
16	Interactions Between Chronic Stress and Chronic Consumption of Caffeine on the Enzymatic Antioxidant System. <i>Neurochemical Research</i> , 2009, 34, 1568-1574.	3.3	34
17	Effect of chronic administration of tamoxifen and/or estradiol on feeding behavior, palatable food and metabolic parameters in ovariectomized rats. <i>Physiology and Behavior</i> , 2013, 119, 17-24.	2.1	34
18	Sex-specific differences on caffeine consumption and chronic stress-induced anxiety-like behavior and DNA breaks in the hippocampus. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 94, 63-69.	2.9	33

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19	Methotrexate up-regulates ecto-5â€²-nucleotidase/CD73 and reduces the frequency of T lymphocytes in the glioblastoma microenvironment. <i>Purinergic Signalling</i> , 2016, 12, 303-312.	2.2	33
20	Disrupted cytoskeletal homeostasis, astrogliosis and apoptotic cell death in the cerebellum of preweaning rats injected with diphenyl ditelluride. <i>NeuroToxicology</i> , 2013, 34, 175-188.	3.0	32
21	Ascorbic acid prevents water maze behavioral deficits caused by early postnatal methylmalonic acid administration in the rat. <i>Brain Research</i> , 2003, 976, 234-242.	2.2	28
22	Antiherpes Activity and Skin/Mucosa Distribution of Flavonoids from <i>Achyrocline satureioides</i> Extract Incorporated into Topical Nanoemulsions. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	28
23	Olfactory bulbectomy in mice triggers transient and long-lasting behavioral impairments and biochemical hippocampal disturbances. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 1-11.	4.8	26
24	Stress effects on rats chronically receiving a highly palatable diet are sex-specific. <i>Appetite</i> , 2008, 51, 592-598.	3.7	23
25	1,25â€²Dihydroxyvitamin D3 exerts neuroprotective effects in an <i>ex vivo</i> model of mild hyperhomocysteinemia. <i>International Journal of Developmental Neuroscience</i> , 2016, 48, 71-79.	1.6	23
26	The effects of hypercaloric diets on glucose homeostasis in the rat: influence of saturated and monounsaturated dietary lipids. <i>Cell Biochemistry and Function</i> , 2011, 29, 569-576.	2.9	21
27	Methylphenidate Causes Behavioral Impairments and Neuron and Astrocyte Loss in the Hippocampus of Juvenile Rats. <i>Molecular Neurobiology</i> , 2017, 54, 4201-4216.	4.0	21
28	In vivo treatment with diphenyl ditelluride induces neurodegeneration in striatum of young rats: Implications of MAPK and Akt pathways. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 143-152.	2.8	20
29	Isolation Stress During the Prepubertal Period in Rats Induces Long-Lasting Neurochemical Changes in the Prefrontal Cortex. <i>Neurochemical Research</i> , 2012, 37, 1063-1073.	3.3	20
30	1,25-Dihydroxyvitamin D3 prevents deleterious effects of homocysteine on mitochondrial function and redox status in heart slices. <i>Nutrition Research</i> , 2017, 38, 52-63.	2.9	19
31	Resveratrol Regulates the Quiescenceâ€Like Induction of Activated Stellate Cells by Modulating the PPAR β /SIRT1 Ratio. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2304-2312.	2.6	18
32	Severe Hyperhomocysteinemia Decreases Respiratory Enzyme and Na ⁺ -K ⁺ ATPase Activities, and Leads to Mitochondrial Alterations in Rat Amygdala. <i>Neurotoxicity Research</i> , 2016, 29, 408-418.	2.7	18
33	Ganglioside alterations in the central nervous system of rats chronically injected with methylmalonic and propionic acids. <i>Metabolic Brain Disease</i> , 2002, 17, 93-102.	2.9	17
34	Acute renal failure potentiates methylmalonate-induced oxidative stress in brain and kidney of rats. <i>Free Radical Research</i> , 2013, 47, 233-240.	3.3	17
35	Intranasal guanosine administration presents a wide therapeutic time window to reduce brain damage induced by permanent ischemia in rats. <i>Purinergic Signalling</i> , 2016, 12, 149-159.	2.2	17
36	Administration of <i>Huperzia quadrifariata</i> Extract, a Cholinesterase Inhibitory Alkaloid Mixture, has Neuroprotective Effects in a Rat Model of Cerebral Hypoxiaâ€Ischemia. <i>Neurochemical Research</i> , 2017, 42, 552-562.	3.3	14

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37	A New Device for Step-Down Inhibitory Avoidance Task—Effects of Low and High Frequency in a Novel Device for Passive Inhibitory Avoidance Task That Avoids Bioimpedance Variations. <i>PLoS ONE</i> , 2015, 10, e0116000.	2.5	13
38	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.	4.0	12
39	Effect of a trans fatty acid-enriched diet on mitochondrial, inflammatory, and oxidative stress parameters in the cortex and hippocampus of Wistar rats. <i>European Journal of Nutrition</i> , 2018, 57, 1913-1924.	3.9	12
40	Chronic early postnatal administration of ethylmalonic acid to rats causes behavioral deficit. <i>Behavioural Brain Research</i> , 2009, 197, 364-370.	2.2	11
41	Glial-associated changes in the cerebral cortex after collagenase-induced intracerebral hemorrhage in the rat striatum. <i>Brain Research Bulletin</i> , 2017, 134, 55-62.	3.0	11
42	Chronic early postnatal glutaric acid administration causes cognitive deficits in the water maze. <i>Behavioural Brain Research</i> , 2008, 187, 411-416.	2.2	10
43	Neurodevelopmental and cognitive behavior of glutaryl-CoA dehydrogenase deficient knockout mice. <i>Life Sciences</i> , 2013, 92, 137-142.	4.3	10
44	Mitochondrial and Oxidative Stress Aspects in Hippocampus of Rats Submitted to Dietary n-3 Polyunsaturated Fatty Acid Deficiency After Exposure to Early Stress. <i>Neurochemical Research</i> , 2015, 40, 1870-1881.	3.3	10
45	Evaluation of the effect of chronic administration of drugs on rat behavior in the water maze task. <i>Brain Research Protocols</i> , 2003, 12, 109-115.	1.6	9
46	Chronic Stress Causes Sex-Specific and Structure-Specific Alterations in Mitochondrial Respiratory Chain Activity in Rat Brain. <i>Neurochemical Research</i> , 2017, 42, 3331-3340.	3.3	8
47	Stress During the Pre-pubertal Period Leads to Long-Term Diet-Dependent Changes in Anxiety-Like Behavior and in Oxidative Stress Parameters in Male Adult Rats. <i>Neurochemical Research</i> , 2013, 38, 1791-1800.	3.3	7
48	Antidepressant-Like Effects of Chronic Guanosine in the Olfactory Bulbectomy Mouse Model. <i>Frontiers in Psychiatry</i> , 2021, 12, 701408.	2.6	7
49	Isolation Stress Exposure and Consumption of Palatable Diet During the Prepubertal Period Leads to Cellular Changes in the Hippocampus. <i>Neurochemical Research</i> , 2013, 38, 262-272.	3.3	6
50	Acute renal failure potentiates brain energy dysfunction elicited by methylmalonic acid. <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 245-249.	1.6	6
51	Effects of intranasal guanosine administration on brain function in a rat model of ischemic stroke. <i>Purinergic Signalling</i> , 2021, 17, 255-271.	2.2	6
52	GD1a modulates GM-CSF-induced cell proliferation. <i>Cytokine</i> , 2011, 56, 600-607.	3.2	5
53	Chronic postnatal ornithine administration to rats provokes learning deficit in the open field task. <i>Metabolic Brain Disease</i> , 2012, 27, 479-486.	2.9	4
54	Effects of Chronic Restraint Stress and 17- β -Estradiol Replacement on Oxidative Stress in the Spinal Cord of Ovariectomized Female Rats. <i>Neurochemical Research</i> , 2010, 35, 1700-1707.	3.3	3