

Robson Luiz Puntel

List of Publications by Citations

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59
papers

1,573
citations

21
h-index

39
g-index

64
ext. papers

1,767
ext. citations

4
avg, IF

4.34
L-index

#	Paper	IF	Citations
59	Krebs cycle intermediates modulate thiobarbituric acid reactive species (TBARS) production in rat brain in vitro. <i>Neurochemical Research</i> , 2005 , 30, 225-35	4.6	235
58	Hot pepper (<i>Capsicum annum</i> , Tepin and <i>Capsicum chinese</i> , Habanero) prevents Fe ²⁺ -induced lipid peroxidation in brain In vitro. <i>Food Chemistry</i> , 2007 , 102, 178-185	8.5	175
57	Antioxidant effects of different extracts from <i>Melissa officinalis</i> , <i>Matricaria recutita</i> and <i>Cymbopogon citratus</i> . <i>Neurochemical Research</i> , 2009 , 34, 973-83	4.6	143
56	Manganese in health and disease. <i>Metal Ions in Life Sciences</i> , 2013 , 13, 199-227	2.6	117
55	Antioxidant properties of Krebs cycle intermediates against malonate pro-oxidant activity in vitro: a comparative study using the colorimetric method and HPLC analysis to determine malondialdehyde in rat brain homogenates. <i>Life Sciences</i> , 2007 , 81, 51-62	6.8	65
54	Guanosine and synthetic organoselenium compounds modulate methylmercury-induced oxidative stress in rat brain cortical slices: involvement of oxidative stress and glutamatergic system. <i>Toxicology in Vitro</i> , 2009 , 23, 302-7	3.6	55
53	Protective effect of <i>Melissa officinalis</i> aqueous extract against Mn-induced oxidative stress in chronically exposed mice. <i>Brain Research Bulletin</i> , 2012 , 87, 74-9	3.9	51
52	Complex methylmercury-cysteine alters mercury accumulation in different tissues of mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010 , 107, 789-92	3.1	47
51	Mitochondrial dysfunction induced by different organochalcogens is mediated by thiol oxidation and is not dependent of the classical mitochondrial permeability transition pore opening. <i>Toxicological Sciences</i> , 2010 , 117, 133-43	4.4	45
50	Role of calcium and mitochondria in MeHg-mediated cytotoxicity. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 248764		38
49	Apocynin prevents vascular effects caused by chronic exposure to low concentrations of mercury. <i>PLoS ONE</i> , 2013 , 8, e55806	3.7	37
48	Yerba mate (<i>Ilex paraguariensis</i> St. Hill.)-based beverages: How successive extraction influences the extract composition and its capacity to chelate iron and scavenge free radicals. <i>Food Chemistry</i> , 2016 , 209, 185-95	8.5	37
47	Modulation of methylmercury uptake by methionine: prevention of mitochondrial dysfunction in rat liver slices by a mimicry mechanism. <i>Toxicology and Applied Pharmacology</i> , 2011 , 252, 28-35	4.6	35
46	Oxalate modulates thiobarbituric acid reactive species (TBARS) production in supernatants of homogenates from rat brain, liver and kidney: effect of diphenyl diselenide and diphenyl ditelluride. <i>Chemico-Biological Interactions</i> , 2007 , 165, 87-98	5	33
45	The antioxidant properties of different phthalocyanines. <i>Toxicology in Vitro</i> , 2012 , 26, 125-32	3.6	32
44	The influence of <i>Bauhinia forficata</i> Link subsp. <i>pruinosa</i> tea on lipid peroxidation and non-protein SH groups in human erythrocytes exposed to high glucose concentrations. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 81-7	5	28
43	Mitochondrial electron transfer chain complexes inhibition by different organochalcogens. <i>Toxicology in Vitro</i> , 2013 , 27, 59-70	3.6	28

42	Paraquat exposure-induced Parkinson's disease-like symptoms and oxidative stress in <i>Drosophila melanogaster</i> : Neuroprotective effect of <i>Bougainvillea glabra</i> Choisy. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 245-251	7.5	26
41	Effects of <i>Bauhinia forficata</i> Tea on Oxidative Stress and Liver Damage in Diabetic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 8902954	6.7	24
40	Diphenyl diselenide decreases the prevalence of vacuous chewing movements induced by fluphenazine in rats. <i>Psychopharmacology</i> , 2007 , 194, 423-32	4.7	22
39	<i>Peumus boldus</i> (Boldo) Aqueous Extract Present Better Protective Effect than Boldine Against Manganese-Induced Toxicity in <i>D. melanogaster</i> . <i>Neurochemical Research</i> , 2016 , 41, 2699-2707	4.6	22
38	The phytoremediation potential of <i>Plectranthus neochilus</i> on 2,4-dichlorophenoxyacetic acid and the role of antioxidant capacity in herbicide tolerance. <i>Chemosphere</i> , 2017 , 188, 231-240	8.4	18
37	Diphenyl diselenide supplementation reduces biochemical alterations associated with oxidative stress in rats fed with fructose and hydrochlorothiazide. <i>Chemico-Biological Interactions</i> , 2013 , 204, 191-9	5	17
36	Behavioral and dopaminergic damage induced by acute iron toxicity in <i>Caenorhabditis elegans</i> . <i>Toxicology Research</i> , 2015 , 4, 878-884	2.6	16
35	Chemical composition and in vitro antioxidant activity of hydro-ethanolic extracts from <i>Bauhinia forficata</i> subsp. <i>pruinosa</i> and <i>B. variegata</i> . <i>Acta Biologica Hungarica</i> , 2013 , 64, 21-33		16
34	Brazilian scientific production in science education. <i>Scientometrics</i> , 2012 , 92, 697-710	3	15
33	N-methyl-D-aspartate receptors are involved in the quinolinic acid, but not in the malonate pro-oxidative activity in vitro. <i>Neurochemical Research</i> , 2005 , 30, 417-24	4.6	15
32	Antibacterial and antioxidant effects of L. extract and its fractions. <i>Journal of Traditional and Complementary Medicine</i> , 2019 , 9, 383-392	4.6	14
31	Thimerosal inhibits <i>Drosophila melanogaster</i> tyrosine hydroxylase (DmTyrH) leading to changes in dopamine levels and impaired motor behavior: implications for neurotoxicity. <i>Metallomics</i> , 2019 , 11, 362-374	4.5	14
30	Fish oil ameliorates sickness behavior induced by lipopolysaccharide in aged mice through the modulation of kynurenine pathway. <i>Journal of Nutritional Biochemistry</i> , 2018 , 58, 37-48	6.3	13
29	Cryotherapy reduces skeletal muscle damage after ischemia/reperfusion in rats. <i>Journal of Anatomy</i> , 2013 , 222, 223-30	2.9	12
28	Protective Effects of Aqueous Extract of <i>Luehea divaricata</i> against Behavioral and Oxidative Changes Induced by 3-Nitropropionic Acid in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 723431	2.3	12
27	Resveratrol attenuates iron-induced toxicity in a chronic post-treatment paradigm in <i>Caenorhabditis elegans</i> . <i>Free Radical Research</i> , 2018 , 52, 939-951	4	10
26	<i>Ilex paraguariensis</i> crude extract acts on protection and reversion from damage induced by t-butyl hydroperoxide in human erythrocytes: a comparative study with isolated caffeic and/or chlorogenic acids. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 2007-2014	4.3	10
25	Prevalência de comportamentos de risco em adolescentes. <i>Cadernos Saude Coletiva</i> , 2013 , 21, 441-449	0.3	10

24	L. (chia) seeds oil extracts reduce lipid accumulation and produce stress resistance in. <i>Nutrition and Metabolism</i> , 2018 , 15, 83	4.6	10
23	Treatment with pentylenetetrazole (PTZ) and 4-aminopyridine (4-AP) differently affects survival, locomotor activity, and biochemical markers in <i>Drosophila melanogaster</i> . <i>Molecular and Cellular Biochemistry</i> , 2018 , 442, 129-142	4.2	9
22	Chronic treatment with fluphenazine alters parameters of oxidative stress in liver and kidney of rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009 , 105, 51-7	3.1	9
21	Continuous liquid feeding: New method to study pesticides toxicity in <i>Drosophila melanogaster</i> . <i>Analytical Biochemistry</i> , 2017 , 537, 60-62	3.1	6
20	Oxidation of delta-ALA-D and DTT mediated by ascorbic acid: modulation by buffers depends on free iron. <i>Biological and Pharmaceutical Bulletin</i> , 2005 , 28, 1485-9	2.3	6
19	Antioxidant and lipid lowering effects of dried fruits oil extract of <i>Pterodon emarginatus</i> in <i>Caenorhabditis elegans</i> . <i>Arabian Journal of Chemistry</i> , 2019 , 12, 4131-4141	5.9	6
18	Øryzanol supplementation modifies the inflammatory and oxidative response in fulminant hepatic failure in mice. <i>PharmaNutrition</i> , 2018 , 6, 191-197	2.9	6
17	Organochalcogens inhibit mitochondrial complexes I and II in rat brain: possible implications for neurotoxicity. <i>Neurotoxicity Research</i> , 2013 , 24, 109-18	4.3	5
16	Ilex paraguariensis Attenuates Changes in Mortality, Behavioral and Biochemical Parameters Associated to Methyl Malonate or Malonate Exposure in <i>Drosophila melanogaster</i> . <i>Neurochemical Research</i> , 2019 , 44, 2202-2214	4.6	4
15	Oxidative stress and labile plasmatic iron in anemic patients following blood therapy. <i>World Journal of Experimental Medicine</i> , 2014 , 4, 38-45	0.4	4
14	Dietary hydrogenated vegetable fat exacerbates the activation of kynurenine pathway caused by peripheral lipopolysaccharide immune challenge in aged mice. <i>Chemico-Biological Interactions</i> , 2018 , 293, 28-37	5	3
13	Antioxidant Activity of some Medicinal Plant Extracts: Implications for Neuroprotection. <i>Pharmacologia</i> , 2015 , 6, 282-292		3
12	Clove oil-loaded zein nanoparticles as potential bioinsecticide agent with low toxicity. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 24, 100554	3.9	3
11	Antidepressant-like effect of (3Z)-5-Chloro-3-(hydroxyimino)indolin-2-one in rats exposed to malathion: Involvement of BDNF-Trk pathway and AChE. <i>Life Sciences</i> , 2020 , 256, 117892	6.8	2
10	Aproximando universidade e escola por meio do uso da produçã acadêmica na sala de aula. <i>Ciência & Educação</i> , 2014 , 20, 765-783	0.1	2
9	Supplementation with gamma oryzanol ameliorates CCl4-induced hepatic fibrosis in mice. <i>PharmaNutrition</i> , 2019 , 10, 100169	2.9	2
8	Protective effect of gamma-oryzanol against manganese-induced toxicity in <i>Drosophila melanogaster</i> . <i>Environmental Science and Pollution Research</i> , 2021 , 28, 17519-17531	5.1	2
7	Manganese Neurotoxicity 2014 , 843-864		1

- 6 Caffeic acid and caffeine attenuate toxicity associated with malonic or methylmalonic acid exposure in *Drosophila melanogaster*. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2021**, 394, 227-240 ¹
- 5 *Mentha pulegium* crude extracts induce thiol oxidation and potentiate hemolysis when associated to t-butyl hydroperoxide in human's erythrocytes. *Anais Da Academia Brasileira De Ciencias*, **2017**, 89, 2901-2909 1.4
- 4 Cellular Responses in *Drosophila melanogaster* Following Teratogen Exposure. *Methods in Molecular Biology*, **2018**, 1797, 243-276 1.4
- 3 Potential application of 2-(6-ethylamino-3-ethylimino-2,7-dimethyl-3H-xanthen-9-yl) benzoic acid phenyl thiourea for mercury determination. *Chemistry and Ecology*, **2012**, 28, 355-364 2.3
- 2 A toxicological comparison between two uranium compounds in *Artemia salina*: Artificial seawater containing CaCO. *Marine Environmental Research*, **2021**, 163, 105221 3.3
- 1 effects of exposure to Golden trumpet in mice. *Toxicology Research*, **2021**, 10, 928-936 2.6