

Robson Luiz Puntel

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.

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	Clove oil-loaded zein nanoparticles as potential bioinsecticide agent with low toxicity. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 24, 100554	3.9	3
58	Caffeic acid and caffeine attenuate toxicity associated with malonic or methylmalonic acid exposure in <i>Drosophila melanogaster</i> . <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021 , 394, 227-240	3.4	1
57	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
56	A toxicological comparison between two uranium compounds in <i>Artemia salina</i> : Artificial seawater containing CaCO ₃ . <i>Marine Environmental Research</i> , 2021 , 163, 105221	3.3	
55	effects of exposure to Golden trumpet in mice. <i>Toxicology Research</i> , 2021 , 10, 928-936	2.6	
54	Antidepressant-like effect of (3Z)-5-Chloro-3-(hydroxyimino)indolin-2-one in rats exposed to malathion: Involvement of BDNF-TrkA pathway and AChE. <i>Life Sciences</i> , 2020 , 256, 117892	6.8	2
53	<i>Ilex paraguariensis</i> 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
52	Supplementation with gamma oryzanol ameliorates CCl ₄ -induced hepatic fibrosis in mice. <i>PharmaNutrition</i> , 2019 , 10, 100169	2.9	2
51	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
50	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
49	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
48	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
47	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
46	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
45	Cellular Responses in <i>Drosophila melanogaster</i> Following Teratogen Exposure. <i>Methods in Molecular Biology</i> , 2018 , 1797, 243-276	1.4	
44	L. (chia) seeds oil extracts reduce lipid accumulation and produce stress resistance in. <i>Nutrition and Metabolism</i> , 2018 , 15, 83	4.6	10
43	γOryzanol supplementation modifies the inflammatory and oxidative response in fulminant hepatic failure in mice. <i>PharmaNutrition</i> , 2018 , 6, 191-197	2.9	6

42	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
41	Mentha pulegium crude extracts induce thiol oxidation and potentiate hemolysis when associated to t-butyl hydroperoxide in human's erythrocytes. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 2901-2909	1.4	
40	Paraquat exposure-induced Parkinson's disease-like symptoms and oxidative stress in Drosophila melanogaster: Neuroprotective effect of Bougainvillea glabra Choisy. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 95, 245-251	7.5	26
39	The phytoremediation potential of Plectranthus neochilus on 2,4-dichlorophenoxyacetic acid and the role of antioxidant capacity in herbicide tolerance. <i>Chemosphere</i> , 2017 , 188, 231-240	8.4	18
38	Continuous liquid feeding: New method to study pesticides toxicity in Drosophila melanogaster. <i>Analytical Biochemistry</i> , 2017 , 537, 60-62	3.1	6
37	Ilex paraguariensis 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
36	Effects of Bauhinia forficata Tea on Oxidative Stress and Liver Damage in Diabetic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 8902954	6.7	24
35	Peumus boldus (Boldo) Aqueous Extract Present Better Protective Effect than Boldine Against Manganese-Induced Toxicity in D. melanogaster. <i>Neurochemical Research</i> , 2016 , 41, 2699-2707	4.6	22
34	Yerba mate (Ilex paraguariensis 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
33	Behavioral and dopaminergic damage induced by acute iron toxicity in Caenorhabditis elegans. <i>Toxicology Research</i> , 2015 , 4, 878-884	2.6	16
32	Protective Effects of Aqueous Extract of Luehea divaricata 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
31	Antioxidant Activity of some Medicinal Plant Extracts: Implications for Neuroprotection. <i>Pharmacologia</i> , 2015 , 6, 282-292		3
30	Aproximando universidade e escola por meio do uso da produço acadmica na sala de aula. <i>Cincia & Educaço</i> , 2014 , 20, 765-783	0.1	2
29	Manganese Neurotoxicity 2014 , 843-864		1
28	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
27	The influence of Bauhinia forficata Link subsp. pruinosa 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
26	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
25	Diphenyl diselenide supplementation reduces biochemical alterations associated with oxidative stress in rats fed with fructose and hydrochlorothiazide. <i>Chemico-Biological Interactions</i> , 2013 , 204, 191-5		17

24	Cryotherapy reduces skeletal muscle damage after ischemia/reperfusion in rats. <i>Journal of Anatomy</i> , 2013 , 222, 223-30	2.9	12
23	Mitochondrial electron transfer chain complexes inhibition by different organochalcogens. <i>Toxicology in Vitro</i> , 2013 , 27, 59-70	3.6	28
22	Apocynin prevents vascular effects caused by chronic exposure to low concentrations of mercury. <i>PLoS ONE</i> , 2013 , 8, e55806	3.7	37
21	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
20	Prevalência de comportamentos de risco em adolescentes. <i>Cadernos Saude Coletiva</i> , 2013 , 21, 441-449	0.3	10
19	Manganese in health and disease. <i>Metal Ions in Life Sciences</i> , 2013 , 13, 199-227	2.6	117
18	Potential application of 2-(6-ethylamino-3-ethylimino-2,7-dimethyl-3H-xanthen-9-yl) benzoic acid phenyl thiourea for mercury determination. <i>Chemistry and Ecology</i> , 2012 , 28, 355-364	2.3	
17	The antioxidant properties of different phthalocyanines. <i>Toxicology in Vitro</i> , 2012 , 26, 125-32	3.6	32
16	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
15	Brazilian scientific production in science education. <i>Scientometrics</i> , 2012 , 92, 697-710	3	15
14	Role of calcium and mitochondria in MeHg-mediated cytotoxicity. <i>Journal of Biomedicine and Biotechnology</i> , 2012 , 2012, 248764		38
13	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
12	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
11	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
10	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
9	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
8	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
7	Hot pepper (<i>Capsicum annum</i> , <i>Tepin</i> and <i>Capsicum chinese</i> , <i>Habanero</i>) prevents Fe ²⁺ -induced lipid peroxidation in brain <i>in vitro</i> . <i>Food Chemistry</i> , 2007 , 102, 178-185	8.5	175

6	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
5	Diphenyl diselenide decreases the prevalence of vacuous chewing movements induced by fluphenazine in rats. <i>Psychopharmacology</i> , 2007 , 194, 423-32	4.7	22
4	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
3	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
2	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
1	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