

Robson Luiz Puntel

List of Publications by Year in descending order

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64
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304368

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#	ARTICLE	IF	CITATIONS
1	Krebs Cycle Intermediates Modulate Thiobarbituric Acid Reactive Species (TBARS) Production in Rat Brain In Vitro. <i>Neurochemical Research</i> , 2005, 30, 225-235.	1.6	287
2	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.	4.2	204
3	Manganese in Health and Disease. <i>Metal Ions in Life Sciences</i> , 2013, 13, 199-227.	2.8	196
4	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, 973-983.	1.6	169
5	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.	2.0	77
6	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, 74-79.	1.4	64
7	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, 302-307.	1.1	63
8	Complex Methylmercury "Cysteine Alters Mercury Accumulation in Different Tissues of Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 107, 789-792.	1.2	55
9	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, 133-143.	1.4	48
10	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, 185-195.	4.2	48
11	The antioxidant properties of different phthalocyanines. <i>Toxicology in Vitro</i> , 2012, 26, 125-132.	1.1	46
12	Role of Calcium and Mitochondria in MeHg-Mediated Cytotoxicity. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-15.	3.0	45
13	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.	1.7	41
14	Apocynin Prevents Vascular Effects Caused by Chronic Exposure to Low Concentrations of Mercury. <i>PLoS ONE</i> , 2013, 8, e55806.	1.1	40
15	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, 81-87.	2.0	39
16	Paraquat exposure-induced Parkinson "TM'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.	2.5	39
17	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.	1.3	35
18	Mitochondrial electron transfer chain complexes inhibition by different organochalcogens. <i>Toxicology in Vitro</i> , 2013, 27, 59-70.	1.1	35

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19	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, 1-9.	1.9	34
20	Antibacterial and antioxidant effects of <i>Rosmarinus officinalis</i> L. extract and its fractions. <i>Journal of Traditional and Complementary Medicine</i> , 2019, 9, 383-392.	1.5	28
21	<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.	1.6	27
22	Diphenyl diselenide decreases the prevalence of vacuous chewing movements induced by fluphenazine in rats. <i>Psychopharmacology</i> , 2007, 194, 423-432.	1.5	23
23	Thimerosal inhibits <i>Drosophila melanogaster</i> tyrosine hydroxylase (<i>Dm</i> TyrH) leading to changes in dopamine levels and impaired motor behavior: implications for neurotoxicity. <i>Metallomics</i> , 2019, 11, 362-374.	1.0	21
24	Brazilian scientific production in science education. <i>Scientometrics</i> , 2012, 92, 697-710.	1.6	20
25	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.	1.9	20
26	Diphenyl diselenide supplementation reduces biochemical alterations associated with oxidative stress in rats fed with fructose and hydrochlorothiazide. <i>Chemico-Biological Interactions</i> , 2013, 204, 191-199.	1.7	19
27	Chemical composition and <i>in vitro</i> 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.	0.7	19
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, 1-11.	0.5	19
29	Behavioral and dopaminergic damage induced by acute iron toxicity in <i>Caenorhabditis elegans</i> . <i>Toxicology Research</i> , 2015, 4, 878-884.	0.9	19
30	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.	4.2	19
31	<i>Salvia hispanica</i> L. (chia) seeds oil extracts reduce lipid accumulation and produce stress resistance in <i>Caenorhabditis elegans</i> . <i>Nutrition and Metabolism</i> , 2018, 15, 83.	1.3	19
32	Cryotherapy reduces skeletal muscle damage after ischemia/reperfusion in rats. <i>Journal of Anatomy</i> , 2013, 222, 223-230.	0.9	17
33	Prevalência de comportamentos de risco em adolescentes. <i>Cadernos Saude Coletiva</i> , 2013, 21, 441-449.	0.2	16
34	N-methyl-D-aspartate Receptors are Involved in the Quinolinic Acid, but not in the Malonate Pro-oxidative Activity <i>in vitro</i> . <i>Neurochemical Research</i> , 2005, 30, 417-424.	1.6	15
35	Treatment with pentylentetrazole (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.	1.4	13
36	<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.	1.7	11

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37	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.	2.3	11
38	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.	1.5	10
39	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, 51-57.	1.2	9
40	Continuous liquid feeding: New method to study pesticides toxicity in <i>Drosophila melanogaster</i> . <i>Analytical Biochemistry</i> , 2017, 537, 60-62.	1.1	8
41	Clove oil-loaded zein nanoparticles as potential bioinsecticide agent with low toxicity. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 24, 100554.	1.6	8
42	β -Oryzanol supplementation modifies the inflammatory and oxidative response in fulminant hepatic failure in mice. <i>PharmaNutrition</i> , 2018, 6, 191-197.	0.8	7
43	<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.	1.6	7
44	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, 1485-1489.	0.6	6
45	Organochalcogens Inhibit Mitochondrial Complexes I and II in Rat Brain: Possible Implications for Neurotoxicity. <i>Neurotoxicity Research</i> , 2013, 24, 109-118.	1.3	6
46	Manganese Neurotoxicity. , 2014, , 843-864.		6
47	Antidepressant-like effect of (3Z)-5-Chloro-3-(hydroxyimino)indolin-2-one in rats exposed to malathion: Involvement of BDNF-Trk β pathway and AChE. <i>Life Sciences</i> , 2020, 256, 117892.	2.0	6
48	Aproximando universidade e escola por meio do uso da produçãõ acadêmica na sala de aula. <i>Ciência & Educação</i> , 2014, 20, 765-783.	0.4	5
49	Supplementation with gamma oryzanol ameliorates CCl4-induced hepatic fibrosis in mice. <i>PharmaNutrition</i> , 2019, 10, 100169.	0.8	5
50	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.	2.7	5
51	Oxidative stress and labile plasmatic iron in anemic patients following blood therapy. <i>World Journal of Experimental Medicine</i> , 2014, 4, 38.	0.9	5
52	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.	1.7	4
53	Antioxidant Activity of some Medicinal Plant Extracts: Implications for Neuroprotection. <i>Pharmacologia</i> , 2015, 6, 282-292.	0.3	4
54	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.	1.4	2

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55	Suplementação de selênio na dieta alimentar de jundiá. Boletim Do Instituto De Pesca, 2017, 43, 14-19.	0.1	2
56	A toxicological comparison between two uranium compounds in Artemia salina: Artificial seawater containing CaCO ₃ . Marine Environmental Research, 2021, 163, 105221.	1.1	1
57	Contributos sobre o Transtorno do Déficit de Atenção e Hiperatividade (TDAH) e o processo ensino-aprendizagem da criança do Ensino Fundamental I nos contextos escolar e familiar. Research, Society and Development, 2021, 10, e21610817170.	0.0	1
58	Antioxidant and toxicological potential of the Golden trumpet hydroalcoholic stem bark extract. Research, Society and Development, 2020, 9, e122942936.	0.0	1
59	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.	0.6	0
60	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.	0.3	0
61	Cellular Responses in Drosophila melanogaster Following Teratogen Exposure. Methods in Molecular Biology, 2018, 1797, 243-276.	0.4	0
62	In vivo effects of exposure to Golden trumpet Handroanthus chrysotrichus in mice. Toxicology Research, 2021, 10, 928-936.	0.9	0
63	Pesquisas sobre avaliação da aprendizagem em Projetos Político-Pedagógicos de escolas públicas brasileiras: uma revisão sistemática. Educação Em Revista, 2020, 21, 109-128.	0.0	0
64	Haloperidol increases hepatic lipid peroxidation promoted by high-fat diet in rats. Research, Society and Development, 2020, 9, e148922153.	0.0	0