Maria Eliane M Rocha

List of Publications by Year
in descending order

32	514	623188 14	713013 21
papers	citations	h-index	g-index

32	32	32	922
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of triclosan (TRN) on energy-linked functions of rat liver mitochondria. Toxicology Letters, 2005, 160, 49-59.	0.4	71
2	Effects of deltamethrin on functions of rat liver mitochondria and on native and synthetic model membranes. Toxicology Letters, 2004, 152, 191-202.	0.4	35
3	Hispidulin: Antioxidant properties and effect on mitochondrial energy metabolismâ€. Free Radical Research, 2005, 39, 1305-1315.	1.5	35
4	Novel properties of melanins include promotion of DNA strand breaks, impairment of repair, and reduced ability to damage DNA after quenching of singlet oxygen. Free Radical Biology and Medicine, 2012, 52, 1945-1953.	1.3	35
5	Simvastatin rises reactive oxygen species levels and induces senescence in human melanoma cells by activation of p53/p21 pathway. Experimental Cell Research, 2013, 319, 2977-2988.	1.2	34
6	Production of cachexia mediators by Walker 256 cells from ascitic tumors. Cell Biochemistry and Function, 2008, 26, 731-738.	1.4	22
7	Leishmanicidal activity of polysaccharides and their oxovanadium(IV/V) complexes. European Journal of Medicinal Chemistry, 2015, 90, 732-741.	2.6	22
8	Anti-proliferative and cytotoxic activities of the flavonoid isoliquiritigenin in the human neuroblastoma cell line SH-SY5Y. Chemico-Biological Interactions, 2019, 299, 77-87.	1.7	21
9	Activity of isosteviol lactone on mitochondrial metabolism. Toxicology Letters, 2003, 143, 83-92.	0.4	19
10	New data on biological effects of chlorhexidine: Fe2+ induced lipid peroxidation and mitochondrial permeability transition. Toxicology Letters, 2004, 151, 407-416.	0.4	19
11	Effects of citrinin on iron-redox cycle. Cell Biochemistry and Function, 2002, 20, 19-29.	1.4	14
12	Effect of sydnone SYD-1, a mesoionic compound, on energy-linked functions of rat liver mitochondria. Chemico-Biological Interactions, 2007, 169, 160-170.	1.7	14
13	Superparamagnetic poly(methyl methacrylate) nanoparticles surface modified with folic acid presenting cell uptake mediated by endocytosis. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	14
14	Increased cellular uptake of lauryl gallate loaded in superparamagnetic poly(methyl methacrylate) nanoparticles due to surface modification with folic acid. Journal of Materials Science: Materials in Medicine, 2016, 27, 185.	1.7	14
15	The antioxidant effect of the mesoionic compound SYD-1 in mitochondria. Chemico-Biological Interactions, 2013, 205, 181-187.	1.7	13
16	Selective Cytotoxicity of 1,3,4-Thiadiazolium Mesoionic Derivatives on Hepatocarcinoma Cells (HepG2). PLoS ONE, 2015, 10, e0130046.	1.1	13
17	Toxicity of native and oxovanadium (IV/V) galactomannan complexes on HepG2 cells is related to impairment of mitochondrial functions. Carbohydrate Polymers, 2017, 173, 665-675.	5.1	13
18	Functional characterization of mitochondria isolated from the ancient gymnosperm Araucaria angustifolia. Plant Science, 2008, 175, 701-705.	1.7	11

#	Article	IF	Citations
19	Importance of the core structure of flavones in promoting inhibition of the mitochondrial respiratory chain. Chemico-Biological Interactions, 2010, 188, 52-58.	1.7	10
20	The involvement of PUMP from mitochondria of Araucaria angustifolia embryogenic cells in response to cold stress. Plant Science, 2012, 197, 84-91.	1.7	10
21	The inhibition of lipoperoxidation by mesoionic compound MI-D: A relationship with its uncoupling effect and scavenging activity. Chemico-Biological Interactions, 2009, 179, 125-130.	1.7	9
22	Interaction of 1,3,4-thiadiazolium mesoionic derivatives with mitochondrial membrane and scavenging activity: Involvement of their effects on mitochondrial energy-linked functions. Chemico-Biological Interactions, 2011, 189, 17-25.	1.7	9
23	Sydnone SYD-1 affects the metabolic functions of isolated rat hepatocytes. Chemico-Biological Interactions, 2014, 218, 107-114.	1.7	9
24	Preparation and characterization of 4-nitrochalcone-folic acid-poly(methyl methacrylate) nanocapsules and cytotoxic activity on HeLa and NIH3T3 cells. Journal of Drug Delivery Science and Technology, 2019, 54, 101300.	1.4	8
25	Comparative study of the effects of 1,3,4-thiadiazolium mesoionic derivatives on energy-linked functions of rat liver mitochondria. Chemico-Biological Interactions, 2010, 186, 1-8.	1.7	7
26	Acid heteropolysaccharides with potent antileishmanial effects. International Journal of Biological Macromolecules, 2015, 81, 165-170.	3.6	7
27	Cytotoxic effects of 4â€²-hydroxychalcone on human neuroblastoma cells (SH-SY5Y). Toxicology in Vitro, 2019, 61, 104640.	1.1	5
28	Antitumor activity associated with hyperthermia and 4-nitrochalcone loaded in superparamagnetic poly(thioether-ester) nanoparticles. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1895-1911.	1.9	5
29	Mitochondrial bioenergetics and enzymatic antioxidant defense differ in ParanÃ¡ pine cell lines with contrasting embryogenic potential. Free Radical Research, 2021, 55, 255-266.	1.5	5
30	Metabolism of the mesoionic compound (MIâ€Ð) by mouse liver microsome, detection of its metabolite In Vivo, and acute toxicity in mice. Journal of Biochemical and Molecular Toxicology, 2009, 23, 394-405.	1.4	4
31	Cold stress on Araucaria angustifolia embryogenic cells results in oxidative stress and induces adaptation: implications for conservation and propagation. Free Radical Research, 2019, 53, 45-56.	1.5	4
32	Antioxidant effect of 1,3,4-thiadiazolium mesoionic derivatives on isolated mitochondria. European Journal of Pharmacology, 2016, 770, 78-84.	1.7	3