Maria Eliane M Rocha

List of Publications by Citations

32 papers	434 citations	12 h-index	19 g-index
32 ext. papers	471 ext. citations	4.7 avg, IF	2.84 L-index

#	Paper	IF	Citations
32	Effect of triclosan (TRN) on energy-linked functions of rat liver mitochondria. *Toxicology Letters*, **2005**, 160, 49-59	4.4	63
31	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, 1945-53	7.8	31
30	Effects of deltamethrin on functions of rat liver mitochondria and on native and synthetic model membranes. *Toxicology Letters*, **2004**, 152, 191-202	4.4	31
29	Simvastatin rises reactive oxygen species levels and induces senescence in human melanoma cells by activation of p53/p21 pathway. *Experimental Cell Research*, **2013**, 319, 2977-88	4.2	29
28	Hispidulin: antioxidant properties and effect on mitochondrial energy metabolism. *Free Radical Research*, **2005**, 39, 1305-15	4	28
27	Leishmanicidal activity of polysaccharides and their oxovanadium(IV/V) complexes. *European Journal of Medicinal Chemistry*, **2015**, 90, 732-41	6.8	20
26	Production of cachexia mediators by Walker 256 cells from ascitic tumors. *Cell Biochemistry and Function*, **2008**, 26, 731-8	4.2	18
25	Activity of isosteviol lactone on mitochondrial metabolism. *Toxicology Letters*, **2003**, 143, 83-92	4.4	18
24	New data on biological effects of chlorhexidine: Fe2+ induced lipid peroxidation and mitochondrial permeability transition. *Toxicology Letters*, **2004**, 151, 407-16	4.4	17
23	Anti-proliferative and cytotoxic activities of the flavonoid isoliquiritigenin in the human neuroblastoma cell line SH-SY5Y. *Chemico-Biological Interactions*, **2019**, 299, 77-87	5	14
22	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	4.5	13
21	Selective Cytotoxicity of 1,3,4-Thiadiazolium Mesoionic Derivatives on Hepatocarcinoma Cells (HepG2). *PLoS ONE*, **2015**, 10, e0130046	3.7	12
20	Effect of sydnone SYD-1, a mesoionic compound, on energy-linked functions of rat liver mitochondria. *Chemico-Biological Interactions*, **2007**, 169, 160-70	5	12
19	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	10.3	11
18	The antioxidant effect of the mesoionic compound SYD-1 in mitochondria. *Chemico-Biological Interactions*, **2013**, 205, 181-7	5	10
17	Functional characterization of mitochondria isolated from the ancient gymnosperm Araucaria angustifolia. *Plant Science*, **2008**, 175, 701-705	5.3	10
16	Effects of citrinin on iron-redox cycle. *Cell Biochemistry and Function*, **2002**, 20, 19-29	4.2	10

15	Superparamagnetic poly(methyl methacrylate) nanoparticles surface modified with folic acid presenting cell uptake mediated by endocytosis. *Journal of Nanoparticle Research*, **2016**, 18, 1	2.3	10
14	The involvement of PUMP from mitochondria of Araucaria angustifolia embryogenic cells in response to cold stress. *Plant Science*, **2012**, 197, 84-91	5.3	9
13	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	5	9
12	Sydnone SYD-1 affects the metabolic functions of isolated rat hepatocytes. *Chemico-Biological Interactions*, **2014**, 218, 107-14	5	8
11	The inhibition of lipoperoxidation by mesoionic compound MI-D: a relationship with its uncoupling effect and scavenging activity. *Chemico-Biological Interactions*, **2009**, 179, 125-30	5	8
10	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	5	7
9	Importance of the core structure of flavones in promoting inhibition of the mitochondrial respiratory chain. *Chemico-Biological Interactions*, **2010**, 188, 52-8	5	7
8	Acid heteropolysaccharides with potent antileishmanial effects. *International Journal of Biological Macromolecules*, **2015**, 81, 165-70	7.9	6
7	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	4.5	6
6	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	3.5	4
5	Cytotoxic effects of 4′-hydroxychalcone on human neuroblastoma cells (SH-SY5Y). *Toxicology in Vitro*, **2019**, 61, 104640	3.6	3
4	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	4	3
3	Antioxidant effect of 1,3,4-thiadiazolium mesoionic derivatives on isolated mitochondria. *European Journal of Pharmacology*, **2016**, 770, 78-84	5.3	3
2	Metabolism of the mesoionic compound (MI-D) 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	3.4	3
1	Mitochondrial bioenergetics and enzymatic antioxidant defense differ in Paran□pine cell lines with contrasting embryogenic potential. *Free Radical Research*, **2021**, 55, 255-266	4	1