Teresa L Serafim

List of Publications by Year
in descending order

24	1,085	516710 16	642732 23
papers	citations	h-index	g-index

25	25	25	2228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactivation of Dihydroorotate Dehydrogenase-Driven Pyrimidine Biosynthesis Restores Tumor Growth of Respiration-Deficient Cancer Cells. Cell Metabolism, 2019, 29, 399-416.e10.	16.2	190
2	Mitochondrially Targeted Effects of Berberine [Natural Yellow 18, 5,6-dihydro-9,10-dimethoxybenzo(g)-1,3-benzodioxolo(5,6-a) quinolizinium] on K1735-M2 Mouse Melanoma Cells: Comparison with Direct Effects on Isolated Mitochondrial Fractions. Journal of Pharmacology and Experimental Therapeutics, 2007, 323, 636-649.	2.5	132
3	Different concentrations of berberine result in distinct cellular localization patterns and cell cycle effects in a melanoma cell line. Cancer Chemotherapy and Pharmacology, 2008, 61, 1007-1018.	2.3	117
4	Lipophilic Caffeic and Ferulic Acid Derivatives Presenting Cytotoxicity against Human Breast Cancer Cells. Chemical Research in Toxicology, 2011, 24, 763-774.	3.3	115
5	Berberine as a Promising Safe Anti-Cancer Agent- Is there a Role for Mitochondria?. Current Drug Targets, 2011, 12, 850-859.	2.1	96
6	Berberine-induced cardioprotection and Sirt3 modulation in doxorubicin-treated H9c2 cardiomyoblasts. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2904-2923.	3.8	57
7	Sanguinarine cytotoxicity on mouse melanoma K1735-M2 cellsâ€"Nuclear vs. mitochondrial effects. Biochemical Pharmacology, 2008, 76, 1459-1475.	4.4	48
8	Sirtuin 1-dependent resveratrol cytotoxicity and pro-differentiation activity on breast cancer cells. Archives of Toxicology, 2017, 91, 1261-1278.	4.2	38
9	Disruption of mitochondrial function as mechanism for anti-cancer activity of a novel mitochondriotropic menadione derivative. Toxicology, 2018, 393, 123-139.	4.2	35
10	Dimethylaminopyridine derivatives of lupane triterpenoids cause mitochondrial disruption and induce the permeability transition. Bioorganic and Medicinal Chemistry, 2013, 21, 7239-7249.	3.0	31
11	The biochemical response of two commercial bivalve species to exposure to strong salinity changes illustrated by selected biomarkers. Ecological Indicators, 2017, 77, 59-66.	6.3	30
12	Role of mt<scp>DNA</scp>â€•related mitoepigenetic phenomena in cancer. European Journal of Clinical Investigation, 2015, 45, 44-49.	3.4	28
13	From the outside, from within: Biological and therapeutic relevance of signal transduction in T-cell acute lymphoblastic leukemia. Cellular Signalling, 2017, 38, 10-25.	3.6	25
14	Inhibition of mitochondrial bioenergetics by carbaryl is only evident for higher concentrations â€“ Relevance for carbaryl toxicity mechanisms. Chemosphere, 2007, 66, 404-411.	8.2	24
15	New derivatives of lupane triterpenoids disturb breast cancer mitochondria and induce cell death. Bioorganic and Medicinal Chemistry, 2014, 22, 6270-6287.	3.0	24
16	Cardiomyocyte H9c2 cells present a valuable alternative to fish lethal testing for azoxystrobin. Environmental Pollution, 2015, 206, 619-626.	7.5	24
17	Metabolic and Phenotypic Characterization of Human Skin Fibroblasts After Forcing Oxidative Capacity. Toxicological Sciences, 2018, 164, 191-204.	3.1	16
18	Targeting mitochondrial function for the treatment of breast cancer. Future Medicinal Chemistry, 2014, 6, 1499-1513.	2.3	13

#	Article	IF	Citations
19	Intermediary metabolism: An intricate network at the crossroads of cell fate and function. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165887.	3.8	12
20	Analysis of Pro-apoptotic Protein Trafficking to and from Mitochondria. Methods in Molecular Biology, 2015, 1241, 163-180.	0.9	11
21	Caffeic and Ferulic Acid Derivatives. , 2015, , 663-671.		7
22	Toxicity of lupane derivatives on anionic membrane models, isolated rat mitochondria and selected human cell lines: Role of terminal alkyl chains. Chemico-Biological Interactions, 2018, 296, 198-210.	4.0	5
23	Maternal obesity in sheep impairs foetal hepatic mitochondrial respiratory chain capacity. European Journal of Clinical Investigation, 2021, 51, e13375.	3.4	5
24	Regulating Mitochondrial Respiration in Cancer. Cancer Drug Discovery and Development, 2014, , 29-73.	0.4	2