

Teresa L Serafim

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,085
citations

516710

16
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2228
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal obesity in sheep impairs foetal hepatic mitochondrial respiratory chain capacity. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13375.	3.4	5
2	Intermediary metabolism: An intricate network at the crossroads of cell fate and function. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165887.	3.8	12
3	Reactivation of Dihydroorotate Dehydrogenase-Driven Pyrimidine Biosynthesis Restores Tumor Growth of Respiration-Deficient Cancer Cells. <i>Cell Metabolism</i> , 2019, 29, 399-416.e10.	16.2	190
4	Metabolic and Phenotypic Characterization of Human Skin Fibroblasts After Forcing Oxidative Capacity. <i>Toxicological Sciences</i> , 2018, 164, 191-204.	3.1	16
5	Disruption of mitochondrial function as mechanism for anti-cancer activity of a novel mitochondriotropic menadione derivative. <i>Toxicology</i> , 2018, 393, 123-139.	4.2	35
6	Toxicity of lupane derivatives on anionic membrane models, isolated rat mitochondria and selected human cell lines: Role of terminal alkyl chains. <i>Chemico-Biological Interactions</i> , 2018, 296, 198-210.	4.0	5
7	The biochemical response of two commercial bivalve species to exposure to strong salinity changes illustrated by selected biomarkers. <i>Ecological Indicators</i> , 2017, 77, 59-66.	6.3	30
8	Berberine-induced cardioprotection and Sirt3 modulation in doxorubicin-treated H9c2 cardiomyoblasts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2904-2923.	3.8	57
9	From the outside, from within: Biological and therapeutic relevance of signal transduction in T-cell acute lymphoblastic leukemia. <i>Cellular Signalling</i> , 2017, 38, 10-25.	3.6	25
10	Sirtuin 1-dependent resveratrol cytotoxicity and pro-differentiation activity on breast cancer cells. <i>Archives of Toxicology</i> , 2017, 91, 1261-1278.	4.2	38
11	Caffeic and Ferulic Acid Derivatives. , 2015, , 663-671.		7
12	Role of mtDNA-related mitoeigenetic phenomena in cancer. <i>European Journal of Clinical Investigation</i> , 2015, 45, 44-49.	3.4	28
13	Cardiomyocyte H9c2 cells present a valuable alternative to fish lethal testing for azoxystrobin. <i>Environmental Pollution</i> , 2015, 206, 619-626.	7.5	24
14	Analysis of Pro-apoptotic Protein Trafficking to and from Mitochondria. <i>Methods in Molecular Biology</i> , 2015, 1241, 163-180.	0.9	11
15	Targeting mitochondrial function for the treatment of breast cancer. <i>Future Medicinal Chemistry</i> , 2014, 6, 1499-1513.	2.3	13
16	Regulating Mitochondrial Respiration in Cancer. <i>Cancer Drug Discovery and Development</i> , 2014, , 29-73.	0.4	2
17	New derivatives of lupane triterpenoids disturb breast cancer mitochondria and induce cell death. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6270-6287.	3.0	24
18	Dimethylaminopyridine derivatives of lupane triterpenoids cause mitochondrial disruption and induce the permeability transition. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7239-7249.	3.0	31

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19	Lipophilic Caffeic and Ferulic Acid Derivatives Presenting Cytotoxicity against Human Breast Cancer Cells. <i>Chemical Research in Toxicology</i> , 2011, 24, 763-774.	3.3	115
20	Berberine as a Promising Safe Anti-Cancer Agent- Is there a Role for Mitochondria?. <i>Current Drug Targets</i> , 2011, 12, 850-859.	2.1	96
21	Different concentrations of berberine result in distinct cellular localization patterns and cell cycle effects in a melanoma cell line. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 61, 1007-1018.	2.3	117
22	Sanguinarine cytotoxicity on mouse melanoma K1735-M2 cellsâ€™Nuclear vs. mitochondrial effects. <i>Biochemical Pharmacology</i> , 2008, 76, 1459-1475.	4.4	48
23	Inhibition of mitochondrial bioenergetics by carbaryl is only evident for higher concentrations â€™“ Relevance for carbaryl toxicity mechanisms. <i>Chemosphere</i> , 2007, 66, 404-411.	8.2	24
24	Mitochondrially Targeted Effects of Berberine [Natural Yellow 18, 5,6-dihydro-9,10-dimethoxybenzo(5,6-quinolizinium)] on K1735-M2 Mouse Melanoma Cells: Comparison with Direct Effects on Isolated Mitochondrial Fractions. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 323, 636-649.	2.5	132