

Filipa S Carvalho

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dynamic interactions and Ca ²⁺ -binding modulate the holdase-type chaperone activity of S100B preventing tau aggregation and seeding. <i>Nature Communications</i> , 2021, 12, 6292.	12.8	10
2	From Forensics to Clinical Research: Expanding the Variant Calling Pipeline for the Precision ID mtDNA Whole Genome Panel. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12031.	4.1	4
3	A Systematic Pan-Cancer Analysis of Genetic Heterogeneity Reveals Associations with Epigenetic Modifiers. <i>Cancers</i> , 2019, 11, 391.	3.7	12
4	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
5	Flexible nanofilms coated with aligned piezoelectric microfibers preserve the contractility of cardiomyocytes. <i>Biomaterials</i> , 2017, 139, 213-228.	11.4	62
6	Altered mitochondrial epigenetics associated with subchronic doxorubicin cardiotoxicity. <i>Toxicology</i> , 2017, 390, 63-73.	4.2	48
7	Cardiac cytochrome c and cardiolipin depletion during anthracycline-induced chronic depression of mitochondrial function. <i>Mitochondrion</i> , 2016, 30, 95-104.	3.4	40
8	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
9	Doxorubicin-Induced Cardiotoxicity: From Bioenergetic Failure and Cell Death to Cardiomyopathy. <i>Medicinal Research Reviews</i> , 2014, 34, 106-135.	10.5	429
10	Dioxin-induced acute cardiac mitochondrial oxidative damage and increased activity of ATP-sensitive potassium channels in Wistar rats. <i>Environmental Pollution</i> , 2013, 180, 281-290.	7.5	14
11	Edelfosine and perifosine disrupt hepatic mitochondrial oxidative phosphorylation and induce the permeability transition. <i>Mitochondrion</i> , 2013, 13, 25-35.	3.4	7
12	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
13	Drug-induced Cardiac Mitochondrial Toxicity and Protection: From Doxorubicin to Carvedilol. <i>Current Pharmaceutical Design</i> , 2011, 17, 2113-2129.	1.9	116
14	Investigating Drug-induced Mitochondrial Toxicity: A Biosensor to Increase Drug Safety?. <i>Current Drug Safety</i> , 2009, 4, 34-54.	0.6	92