

Rui F Simões

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

410
citations

933447

10
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996975

15
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20
docs citations

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times ranked

693
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#	ARTICLE	IF	CITATIONS
1	Mitochondriotropic antioxidant based on caffeic acid AntiOx CIN4 activates Nrf2-dependent antioxidant defenses and quality control mechanisms to antagonize oxidative stress-induced cell damage. <i>Free Radical Biology and Medicine</i> , 2022, 179, 119-132.	2.9	14
2	Evaluation of 6-Hydroxydopamine and Rotenone In Vitro Neurotoxicity on Differentiated SH-SY5Y Cells Using Applied Computational Statistics. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3009.	4.1	2
3	Mitochondria-targeted anti-oxidant AntiOx CIN4 improved liver steatosis in Western diet-fed mice by preventing lipid accumulation due to upregulation of fatty acid oxidation, quality control mechanism and antioxidant defense systems. <i>Redox Biology</i> , 2022, 55, 102400.	9.0	12
4	Afrostryax lepidophyllus Mildbr. and Monodora myristica (Gaertn.) Dunal Extracts Decrease Doxorubicin Cytotoxicity on H9c2 Cardiomyoblasts. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-12.	1.2	2
5	Refinement of a differentiation protocol using neuroblastoma SH-SY5Y cells for use in neurotoxicology research. <i>Food and Chemical Toxicology</i> , 2021, 149, 111967.	3.6	21
6	Exploratory Data Analysis of Cell and Mitochondrial High-Fat, High-Sugar Toxicity on Human HepG2 Cells. <i>Nutrients</i> , 2021, 13, 1723.	4.1	8
7	The Alterations of Mitochondrial Function during NAFLD Progression—An Independent Effect of Mitochondrial ROS Production. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6848.	4.1	24
8	A mitochondria-targeted caffeic acid derivative reverts cellular and mitochondrial defects in human skin fibroblasts from male sporadic Parkinson's disease patients. <i>Redox Biology</i> , 2021, 45, 102037.	9.0	15
9	Quantitative analysis of neuronal mitochondrial movement reveals patterns resulting from neurotoxicity of rotenone and 6-hydroxydopamine. <i>FASEB Journal</i> , 2021, 35, e22024.	0.5	2
10	Intracellular and Intercellular Mitochondrial Dynamics in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 930.	2.8	55
11	Evaluation of biological properties of 3,3',4,4'-benzophenonetetracarboxylic dianhydride derivatives and their ability to inhibit hexokinase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 427-431.	2.2	5
12	Altered mitochondrial epigenetics associated with subchronic doxorubicin cardiotoxicity. <i>Toxicology</i> , 2017, 390, 63-73.	4.2	48
13	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
14	Ketogenic diets: from cancer to mitochondrial diseases and beyond. <i>European Journal of Clinical Investigation</i> , 2016, 46, 285-298.	3.4	113
15	Targeting Mitochondria in Cardiovascular Diseases. <i>Current Pharmaceutical Design</i> , 2016, 22, 5698-5717.	1.9	32