

Christian I Silva-Platas

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

524
citations

566801

15
h-index

713013

21
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21
all docs

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docs citations

21
times ranked

948
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired oxidative metabolism and calcium mishandling underlie cardiac dysfunction in a rat model of post-acute isoproterenol-induced cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H467-H477.	1.5	60
2	Nanoencapsulated Quercetin Improves Cardioprotection during Hypoxia-Reoxygenation Injury through Preservation of Mitochondrial Function. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	56
3	Mitochondrial Hyperacetylation in the Failing Hearts of Obese Patients Mediated Partly by a Reduction in SIRT3: The Involvement of the Mitochondrial Permeability Transition Pore. <i>Cellular Physiology and Biochemistry</i> , 2019, 53, 465-479.	1.1	46
4	Isolation and chemical identification of lipid derivatives from avocado (<i>Persea americana</i>) pulp with antiplatelet and antithrombotic activities. <i>Food and Function</i> , 2015, 6, 192-202.	2.1	35
5	Amorphous SiO ₂ nanoparticles promote cardiac dysfunction via the opening of the mitochondrial permeability transition pore in rat heart and human cardiomyocytes. <i>Particle and Fibre Toxicology</i> , 2020, 17, 15.	2.8	30
6	Antineoplastic copper coordinated complexes (Casiopeinas) uncouple oxidative phosphorylation and induce mitochondrial permeability transition in cardiac mitochondria and cardiomyocytes. <i>Journal of Bioenergetics and Biomembranes</i> , 2016, 48, 43-54.	1.0	29
7	Association of Irisin Plasma Levels with Anthropometric Parameters in Children with Underweight, Normal Weight, Overweight, and Obesity. <i>BioMed Research International</i> , 2017, 2017, 1-11.	0.9	28
8	Association between Irisin, hs-CRP, and Metabolic Status in Children and Adolescents with Type 2 Diabetes Mellitus. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	1.4	28
9	Cardiac responses to β -adrenoceptor stimulation is partly dependent on mitochondrial calcium uniporter activity. <i>British Journal of Pharmacology</i> , 2014, 171, 4207-4221.	2.7	25
10	Proinflammatory Cytokines Are Soluble Mediators Linked with Ventricular Arrhythmias and Contractile Dysfunction in a Rat Model of Metabolic Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	25
11	Serum Irisin Levels, Endothelial Dysfunction, and Inflammation in Pediatric Patients with Type 2 Diabetes Mellitus and Metabolic Syndrome. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-16.	1.0	24
12	Activity-guided identification of acetogenins as novel lipophilic antioxidants present in avocado pulp (<i>Persea americana</i>). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 942-943, 37-45.	1.2	22
13	Myokine-adipokine cross-talk: potential mechanisms for the association between plasma irisin and adipokines and cardiometabolic risk factors in Mexican children with obesity and the metabolic syndrome. <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, 63.	1.2	21
14	Cardiotoxicity of acetogenins from <i>Persea americana</i> occurs through the mitochondrial permeability transition pore and caspase-dependent apoptosis pathways. <i>Journal of Bioenergetics and Biomembranes</i> , 2012, 44, 461-471.	1.0	19
15	Resveratrol Prevents Right Ventricle Dysfunction, Calcium Mishandling, and Energetic Failure via SIRT3 Stimulation in Pulmonary Arterial Hypertension. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	16
16	A systematic review of post-translational modifications in the mitochondrial permeability transition pore complex associated with cardiac diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 165992.	1.8	14
17	Ex Vivo Cardiotoxicity of Antineoplastic Casiopeinas Is Mediated through Energetic Dysfunction and Triggered Mitochondrial-Dependent Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	1.9	13
18	Changes in the Stoichiometry of Uniplex Decrease Mitochondrial Calcium Overload and Contribute to Tolerance of Cardiac Ischemia/Reperfusion Injury in Hypothyroidism. <i>Thyroid</i> , 2019, 29, 1755-1764.	2.4	13

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19	A potent replicative delta-24 adenoviral vector driven by the promoter of human papillomavirus 16 that is highly selective for associated neoplasms. <i>Journal of Gene Medicine</i> , 2007, 9, 852-861.	1.4	12
20	Integrative Analysis of Lipid Profiles in Plasma Allows Cardiometabolic Risk Factor Clustering in Children with Metabolically Unhealthy Obesity. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15.	1.9	7
21	Association of irisin levels with cardiac magnetic resonance, inflammatory, and biochemical parameters in patients with chronic heart failure versus controls. <i>Magnetic Resonance Imaging</i> , 2022, , .	1.0	1