

Rodrigo Polimeni Constantin

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

499
citations

840776

11
h-index

752698

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23
all docs

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docs citations

23
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>p</i> -Methoxycinnamic acid disturbs cellular respiration and increases the lignification of <i>Euphorbia heterophylla</i> roots. <i>Plant Biosystems</i> , 2023, 157, 12-23.	1.6	2
2	Inhibiting tricin biosynthesis improves maize lignocellulose saccharification. <i>Plant Physiology and Biochemistry</i> , 2022, 178, 12-19.	5.8	2
3	Titanium Dioxide Nanoparticles Induce Root Growth Inhibition in Soybean Due to Physical Damages. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	14
4	The photosensitizer azure A disrupts mitochondrial bioenergetics through intrinsic and photodynamic effects. <i>Toxicology</i> , 2021, 455, 152766.	4.2	5
5	Cadmium uncouples mitochondrial oxidative phosphorylation and induces oxidative cellular stress in soybean roots. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67711-67723.	5.3	8
6	Kinetic mechanisms by which nickel alters the calcium (Ca ²⁺) transport in intact rat liver. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 641-658.	2.6	2
7	The photodynamic and intrinsic effects of Azure B on mitochondrial bioenergetics and the consequences of its intrinsic effects on hepatic energy metabolism. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 35, 102446.	2.6	1
8	Morphogenic responses and biochemical alterations induced by the cover crop <i>Urochloa ruziziensis</i> and its component protodioscin in weed species. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 857-873.	5.8	3
9	Association between metabolic syndrome, hepatic steatosis, and testosterone deficiency: evidences from studies with men and rodents. <i>Aging Male</i> , 2020, 23, 1296-1315.	1.9	13
10	Biosynthesis and metabolic actions of simple phenolic acids in plants. <i>Phytochemistry Reviews</i> , 2020, 19, 865-906.	6.5	182
11	Differential Effects of Exogenous Resveratrol on the Growth and Energy Metabolism of <i>Zea mays</i> and the Weed <i>Ipomoea grandifolia</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3006-3016.	5.2	5
12	The photodynamic and direct actions of methylene blue on mitochondrial energy metabolism: A balance of the useful and harmful effects of this photosensitizer. <i>Free Radical Biology and Medicine</i> , 2020, 153, 34-53.	2.9	25
13	The Role of Mitochondria in Sex-Dependent Differences in Hepatic Steatosis and Oxidative Stress in Response to Cafeteria Diet-Induced Obesity in Mice. <i>Nutrients</i> , 2019, 11, 1618.	4.1	4
14	The acute effects of citrus flavanones on the metabolism of glycogen and monosaccharides in the isolated perfused rat liver. <i>Toxicology Letters</i> , 2018, 291, 158-172.	0.8	13
15	Sex differences in the development of hepatic steatosis in cafeteria diet-induced obesity in young mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2495-2509.	3.8	35
16	Cafeteria Diet Feeding in Young Rats Leads to Hepatic Steatosis and Increased Gluconeogenesis under Fatty Acids and Glucagon Influence. <i>Nutrients</i> , 2018, 10, 1571.	4.1	15
17	Molecular mechanisms of citrus flavanones on hepatic gluconeogenesis. <i>FÅ-toterapÃ-Ãç</i> , 2014, 92, 148-162.	2.2	39
18	Catabolism of amino acids in livers from cafeteria-fed rats. <i>Molecular and Cellular Biochemistry</i> , 2013, 373, 265-277.	3.1	15

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19	Citrus Flavanones Affect Hepatic Fatty Acid Oxidation in Rats by Acting as Prooxidant Agents. BioMed Research International, 2013, 2013, 1-12.	1.9	17
20	Metabolic effects of silibinin in the rat liver. Chemico-Biological Interactions, 2012, 195, 119-132.	4.0	61
21	Liver mitochondrial function and redox status in an experimental model of non-alcoholic fatty liver disease induced by monosodium l-glutamate in rats. Experimental and Molecular Pathology, 2011, 91, 687-694.	2.1	37
22	Treating maize plants with benzohydrazide increases saccharification of lignocellulose: A non-transgenic approach to improve cellulosic ethanol production. Biomass Conversion and Biorefinery, 0, , 1.	4.6	0