

João Soeiro Teodoro

List of Publications by Year in descending order

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54
papers

4,674
citations

279701

23
h-index

214721

47
g-index

56
all docs

56
docs citations

56
times ranked

9036
citing authors

#	ARTICLE	IF	CITATIONS
1	SIRT1 Is Required for AMPK Activation and the Beneficial Effects of Resveratrol on Mitochondrial Function. <i>Cell Metabolism</i> , 2012, 15, 675-690.	7.2	1,251
2	Declining NAD+ Induces a Pseudohypoxic State Disrupting Nuclear-Mitochondrial Communication during Aging. <i>Cell</i> , 2013, 155, 1624-1638.	13.5	1,134
3	Role of oxidative stress in the pathogenesis of nonalcoholic steatohepatitis. <i>Free Radical Biology and Medicine</i> , 2012, 52, 59-69.	1.3	743
4	Assessment of the toxicity of silver nanoparticles in vitro: A mitochondrial perspective. <i>Toxicology in Vitro</i> , 2011, 25, 664-670.	1.1	197
5	Berberine protects against high fat diet-induced dysfunction in muscle mitochondria by inducing SIRT1-dependent mitochondrial biogenesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 185-195.	1.8	155
6	Mitohormesis and metabolic health: The interplay between ROS, cAMP and sirtuins. <i>Free Radical Biology and Medicine</i> , 2019, 141, 483-491.	1.3	115
7	Hepatic FXR: key regulator of whole-body energy metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2011, 22, 458-466.	3.1	103
8	Berberine reverts hepatic mitochondrial dysfunction in high-fat fed rats: A possible role for SirT3 activation. <i>Mitochondrion</i> , 2013, 13, 637-646.	1.6	93
9	Differential alterations in mitochondrial function induced by a choline-deficient diet: Understanding fatty liver disease progression. <i>Mitochondrion</i> , 2008, 8, 367-376.	1.6	91
10	Therapeutic Options Targeting Oxidative Stress, Mitochondrial Dysfunction and Inflammation to Hinder the Progression of Vascular Complications of Diabetes. <i>Frontiers in Physiology</i> , 2018, 9, 1857.	1.3	75
11	The NAD ratio redox paradox: why does too much reductive power cause oxidative stress?. <i>Toxicology Mechanisms and Methods</i> , 2013, 23, 297-302.	1.3	62
12	Enhancement of brown fat thermogenesis using chenodeoxycholic acid in mice. <i>International Journal of Obesity</i> , 2014, 38, 1027-1034.	1.6	55
13	Indirubin-3-oxime prevents hepatic I/R damage by inhibiting GSK-3 β and mitochondrial permeability transition. <i>Mitochondrion</i> , 2010, 10, 456-463.	1.6	39
14	Mitochondrial Membrane Potential ($\Delta\psi$) Fluctuations Associated with the Metabolic States of Mitochondria. <i>Methods in Molecular Biology</i> , 2018, 1782, 109-119.	0.4	39
15	miR-378a: a new emerging microRNA in metabolism. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1947-1958.	2.4	38
16	Low-dose, subchronic exposure to silver nanoparticles causes mitochondrial alterations in Sprague-Dawley rats. <i>Nanomedicine</i> , 2016, 11, 1359-1375.	1.7	37
17	Prevention of I/R injury in fatty livers by ischemic preconditioning is associated with increased mitochondrial tolerance: the key role of ATPsynthase and mitochondrial permeability transition. <i>Transplant International</i> , 2009, 22, 1081-1090.	0.8	36
18	Uncovering the beginning of diabetes: the cellular redox status and oxidative stress as starting players in hyperglycemic damage. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 103-110.	1.4	32

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19	Exposure to dibenzofuran triggers autophagy in lung cells. <i>Toxicology Letters</i> , 2012, 209, 35-42.	0.4	27
20	High-fat and obesogenic diets: current and future strategies to fight obesity and diabetes. <i>Genes and Nutrition</i> , 2014, 9, 406.	1.2	26
21	Recent insights into mitochondrial targeting strategies in liver transplantation. <i>International Journal of Medical Sciences</i> , 2018, 15, 248-256.	1.1	26
22	Decreased ANT content in Zucker fatty rats: Relevance for altered hepatic mitochondrial bioenergetics in steatosis. <i>FEBS Letters</i> , 2006, 580, 2153-2157.	1.3	25
23	Indirubin-3-oxime impairs mitochondrial oxidative phosphorylation and prevents mitochondrial permeability transition induction. <i>Toxicology and Applied Pharmacology</i> , 2008, 233, 179-185.	1.3	23
24	Unacylated ghrelin prevents mitochondrial dysfunction in a model of ischemia/reperfusion liver injury. <i>Cell Death Discovery</i> , 2017, 3, 17077.	2.0	23
25	Indirubin and NAD ⁺ prevent mitochondrial ischaemia/reperfusion damage in fatty livers. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12932.	1.7	21
26	Mitochondrial bioenergetics and posthepatectomy liver dysfunction. <i>European Journal of Clinical Investigation</i> , 2016, 46, 627-635.	1.7	18
27	The bile acid chenodeoxycholic acid directly modulates metabolic pathways in white adipose tissue <i>in vitro</i> : insight into how bile acids decrease obesity. <i>NMR in Biomedicine</i> , 2016, 29, 1391-1402.	1.6	18
28	Shaping of Hepatic Ischemia/Reperfusion Events: The Crucial Role of Mitochondria. <i>Cells</i> , 2022, 11, 688.	1.8	17
29	Dibenzofuran-induced mitochondrial dysfunction: Interaction with ANT carrier. <i>Toxicology in Vitro</i> , 2013, 27, 2160-2168.	1.1	15
30	Lack of Additive Effects of Resveratrol and Energy Restriction in the Treatment of Hepatic Steatosis in Rats. <i>Nutrients</i> , 2017, 9, 737.	1.7	14
31	Exposure to dibenzofuran affects lung mitochondrial function <i>in vitro</i> . <i>Toxicology Mechanisms and Methods</i> , 2011, 21, 571-576.	1.3	12
32	Addition of Berberine to Preservation Solution in an Animal Model of Ex Vivo Liver Transplant Preserves Mitochondrial Function and Bioenergetics from the Damage Induced by Ischemia/Reperfusion. <i>International Journal of Molecular Sciences</i> , 2018, 19, 284.	1.8	12
33	Hepatic and skeletal muscle mitochondrial toxicity of chitosan oligosaccharides of normal and diabetic rats. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 650-657.	1.3	10
34	Adenosine receptors: regulatory players in the preservation of mitochondrial function induced by ischemic preconditioning of rat liver. <i>Purinergic Signalling</i> , 2017, 13, 179-190.	1.1	10
35	Blueberry Counteracts Prediabetes in a Hypercaloric Diet-Induced Rat Model and Rescues Hepatic Mitochondrial Bioenergetics. <i>Nutrients</i> , 2021, 13, 4192.	1.7	10
36	Bioenergetic adaptations of the human liver in the ALPPS procedure – how liver regeneration correlates with mitochondrial energy status. <i>Hpb</i> , 2017, 19, 1091-1103.	0.1	9

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37	miR-378a-3p Participates in Metformin's Mechanism of Action on C2C12 Cells under Hyperglycemia. International Journal of Molecular Sciences, 2021, 22, 541.	1.8	8
38	Mild hypothermia during the reperfusion phase protects mitochondrial bioenergetics against ischemia-reperfusion injury in an animal model of ex-vivo liver transplantation—an experimental study. International Journal of Medical Sciences, 2019, 16, 1304-1312.	1.1	7
39	PEG35 as a Preconditioning Agent against Hypoxia/Reoxygenation Injury. International Journal of Molecular Sciences, 2022, 23, 1156.	1.8	7
40	The Evaluation of Mitochondrial Membrane Potential Using Fluorescent Dyes or a Membrane-Permeable Cation (TPP+) Electrode in Isolated Mitochondria and Intact Cells. Methods in Molecular Biology, 2020, 2184, 197-213.	0.4	6
41	Evaluation of bioenergetic and mitochondrial function in liver transplantation. Clinical and Molecular Hepatology, 2019, 25, 190-198.	4.5	6
42	Chenodeoxycholic Acid Has Non-Thermogenic, Mitodynamic Anti-Obesity Effects in an In Vitro CRISPR/Cas9 Model of Bile Acid Receptor TGR5 Knockdown. International Journal of Molecular Sciences, 2021, 22, 11738.	1.8	6
43	Exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin and tetraethyl lead affects lung mitochondria bioenergetics. Toxicology Mechanisms and Methods, 2010, 20, 1-6.	1.3	5
44	Determination of Oxidative Phosphorylation Complexes Activities. Methods in Molecular Biology, 2015, 1241, 71-84.	0.4	5
45	Blueberry Consumption Challenges Hepatic Mitochondrial Bioenergetics and Elicits Transcriptomics Reprogramming in Healthy Wistar Rats. Pharmaceutics, 2020, 12, 1094.	2.0	4
46	Exploration of the cellular effects of the high-dose, long-term exposure to coffee roasting product furan and its by-product <i>cis</i> -2-butene-1,4-dial on human and rat hepatocytes. Toxicology Mechanisms and Methods, 2020, 30, 536-545.	1.3	3
47	Mitochondria as a Target for Safety and Toxicity Evaluation of Nutraceuticals. , 2016, , 387-400.		2
48	The Soluble Adenylyl Cyclase Inhibitor LRE1 Prevents Hepatic Ischemia/Reperfusion Damage Through Improvement of Mitochondrial Function. International Journal of Molecular Sciences, 2020, 21, 4896.	1.8	2
49	Biomarkers of mitochondrial dysfunction and toxicity. , 2014, , 847-861.		1
50	Mitochondria as a target for safety and toxicity evaluation of nutraceuticals. , 2021, , 463-483.		1
51	Biomarkers of Mitochondrial Dysfunction and Toxicity. , 2019, , 981-996.		0
52	Determination of Oxidative Phosphorylation Complexes Activities. Methods in Molecular Biology, 2021, 2310, 17-31.	0.4	0
53	Mitochondrial Bioenergetic Assays as a Standard Protocol for Toxicological and Metabolic Assessment. Methods in Molecular Biology, 2021, 2240, 231-241.	0.4	0
54	Mitohormesis. , 2021, , 729-746.		0