JoÃ£o Soeiro Teodoro

List of Publications by Year
in descending order

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	PEG35 as a Preconditioning Agent against Hypoxia/Reoxygenation Injury. International Journal of Molecular Sciences, 2022, 23, 1156.	1.8	7
2	Shaping of Hepatic Ischemia/Reperfusion Events: The Crucial Role of Mitochondria. Cells, 2022, 11, 688.	1.8	17
3	Determination of Oxidative Phosphorylation Complexes Activities. Methods in Molecular Biology, 2021, 2310, 17-31.	0.4	0
4	Mitochondrial Bioenergetic Assays as a Standard Protocol for Toxicological and Metabolic Assessment. Methods in Molecular Biology, 2021, 2240, 231-241.	0.4	0
5	Mitochondria as a target for safety and toxicity evaluation of nutraceuticals. , 2021, , 463-483.		1
6	Mitohormesis. , 2021, , 729-746.		0
7	miR-378a-3p Participates in Metforminâ€™s Mechanism of Action on C2C12 Cells under Hyperglycemia. International Journal of Molecular Sciences, 2021, 22, 541.	1.8	8
8	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
9	Blueberry Counteracts Prediabetes in a Hypercaloric Diet-Induced Rat Model and Rescues Hepatic Mitochondrial Bioenergetics. Nutrients, 2021, 13, 4192.	1.7	10
10	miR-378a: a new emerging microRNA in metabolism. Cellular and Molecular Life Sciences, 2020, 77, 1947-1958.	2.4	38
11	Blueberry Consumption Challenges Hepatic Mitochondrial Bioenergetics and Elicits Transcriptomics Reprogramming in Healthy Wistar Rats. Pharmaceutics, 2020, 12, 1094.	2.0	4
12	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
13	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
14	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
15	Mitohormesis and metabolic health: The interplay between ROS, cAMP and sirtuins. Free Radical Biology and Medicine, 2019, 141, 483-491.	1.3	115
16	Biomarkers of Mitochondrial Dysfunction and Toxicity. , 2019, , 981-996.		0
17	Mild hypothermia during the reperfusion phase protects mitochondrial bioenergetics against ischemia-reperfusion injury in an animal model of ex-vivo liver transplantationâ€"an experimental study. International Journal of Medical Sciences, 2019, 16, 1304-1312.	1.1	7
18	Evaluation of bioenergetic and mitochondrial function in liver transplantation. Clinical and Molecular Hepatology, 2019, 25, 190-198.	4.5	6

#	Article	IF	Citations
19	Indirubin and NAD⁺ prevent mitochondrial ischaemia/reperfusion damage in fatty livers. European Journal of Clinical Investigation, 2018, 48, e12932.	1.7	21
20	Mitochondrial Membrane Potential (Î”Î¨) Fluctuations Associated with the Metabolic States of Mitochondria. Methods in Molecular Biology, 2018, 1782, 109-119.	0.4	39
21	Recent insights into mitochondrial targeting strategies in liver transplantation. International Journal of Medical Sciences, 2018, 15, 248-256.	1.1	26
22	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. International Journal of Molecular Sciences, 2018, 19, 284.	1.8	12
23	Therapeutic Options Targeting Oxidative Stress, Mitochondrial Dysfunction and Inflammation to Hinder the Progression of Vascular Complications of Diabetes. Frontiers in Physiology, 2018, 9, 1857.	1.3	75
24	Bioenergetic adaptations of the human liver in the ALPPS procedure â€“ how liver regeneration correlates with mitochondrial energy status. Hpb, 2017, 19, 1091-1103.	0.1	9
25	Adenosine receptors: regulatory players in the preservation of mitochondrial function induced by ischemic preconditioning of rat liver. Purinergic Signalling, 2017, 13, 179-190.	1.1	10
26	Unacylated ghrelin prevents mitochondrial dysfunction in a model of ischemia/reperfusion liver injury. Cell Death Discovery, 2017, 3, 17077.	2.0	23
27	Lack of Additive Effects of Resveratrol and Energy Restriction in the Treatment of Hepatic Steatosis in Rats. Nutrients, 2017, 9, 737.	1.7	14
28	Mitochondrial bioenergetics and posthepatectomy liver dysfunction. European Journal of Clinical Investigation, 2016, 46, 627-635.	1.7	18
29	Low-dose, subchronic exposure to silver nanoparticles causes mitochondrial alterations in Spragueâ€“Dawley rats. Nanomedicine, 2016, 11, 1359-1375.	1.7	37
30	The bile acid chenodeoxycholic acid directly modulates metabolic pathways in white adipose tissue <i>in vitro</i>: insight into how bile acids decrease obesity. NMR in Biomedicine, 2016, 29, 1391-1402.	1.6	18
31	Hepatic and skeletal muscle mitochondrial toxicity of chitosan oligosaccharides of normal and diabetic rats. Toxicology Mechanisms and Methods, 2016, 26, 650-657.	1.3	10
32	Mitochondria as a Target for Safety and Toxicity Evaluation of Nutraceuticals. , 2016, , 387-400.		2
33	Determination of Oxidative Phosphorylation Complexes Activities. Methods in Molecular Biology, 2015, 1241, 71-84.	0.4	5
34	Enhancement of brown fat thermogenesis using chenodeoxycholic acid in mice. International Journal of Obesity, 2014, 38, 1027-1034.	1.6	55
35	High-fat and obesogenic diets: current and future strategies to fight obesity and diabetes. Genes and Nutrition, 2014, 9, 406.	1.2	26
36	Biomarkers of mitochondrial dysfunction and toxicity. , 2014, , 847-861.		1

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37	Berberine reverts hepatic mitochondrial dysfunction in high-fat fed rats: A possible role for SirT3 activation. Mitochondrion, 2013, 13, 637-646.	1.6	93
38	Declining NAD+ Induces a Pseudohypoxic State Disrupting Nuclear-Mitochondrial Communication during Aging. Cell, 2013, 155, 1624-1638.	13.5	1,134
39	Dibenzofuran-induced mitochondrial dysfunction: Interaction with ANT carrier. Toxicology in Vitro, 2013, 27, 2160-2168.	1.1	15
40	Uncovering the beginning of diabetes: the cellular redox status and oxidative stress as starting players in hyperglycemic damage. Molecular and Cellular Biochemistry, 2013, 376, 103-110.	1.4	32
41	The NAD ratio redox paradox: why does too much reductive power cause oxidative stress?. Toxicology Mechanisms and Methods, 2013, 23, 297-302.	1.3	62
42	Exposure to dibenzofuran triggers autophagy in lung cells. Toxicology Letters, 2012, 209, 35-42.	0.4	27
43	Berberine protects against high fat diet-induced dysfunction in muscle mitochondria by inducing SIRT1-dependent mitochondrial biogenesis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 185-195.	1.8	155
44	SIRT1 Is Required for AMPK Activation and the Beneficial Effects of Resveratrol on Mitochondrial Function. Cell Metabolism, 2012, 15, 675-690.	7.2	1,251
45	Role of oxidative stress in the pathogenesis of nonalcoholic steatohepatitis. Free Radical Biology and Medicine, 2012, 52, 59-69.	1.3	743
46	Hepatic FXR: key regulator of whole-body energy metabolism. Trends in Endocrinology and Metabolism, 2011, 22, 458-466.	3.1	103
47	Assessment of the toxicity of silver nanoparticles in vitro: A mitochondrial perspective. Toxicology in Vitro, 2011, 25, 664-670.	1.1	197
48	Exposure to dibenzofuran affects lung mitochondrial functionin vitro. Toxicology Mechanisms and Methods, 2011, 21, 571-576.	1.3	12
49	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
50	Indirubin-3â€²-oxime prevents hepatic I/R damage by inhibiting GSK-3Î² and mitochondrial permeability transition. Mitochondrion, 2010, 10, 456-463.	1.6	39
51	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. Transplant International, 2009, 22, 1081-1090.	0.8	36
52	Indirubin-3â€²-oxime impairs mitochondrial oxidative phosphorylation and prevents mitochondrial permeability transition induction. Toxicology and Applied Pharmacology, 2008, 233, 179-185.	1.3	23
53	Differential alterations in mitochondrial function induced by a choline-deficient diet: Understanding fatty liver disease progression. Mitochondrion, 2008, 8, 367-376.	1.6	91
54	Decreased ANT content in Zucker fatty rats: Relevance for altered hepatic mitochondrial bioenergetics in steatosis. FEBS Letters, 2006, 580, 2153-2157.	1.3	25