Ana T Varela

List of Publications by Year
in descending order

22 papers	1,834 citations	706676 14 h-index	799663 21 g-index
22 all docs	22 docs citations	22 times ranked	3999 citing authors

#	Article	IF	Citations
1	Exposure to marine benthic dinoflagellate toxins may lead to mitochondrial dysfunction. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2021, 240, 108937.	1.3	3
2	Cell-based assays as an alternative for the study of aquatic toxicity of pharmaceuticals. Environmental Science and Pollution Research, 2020, 27, 7145-7155.	2.7	10
3	Mitochondrial impairment and cytotoxicity effects induced by the marine epibenthic dinoflagellate Coolia malayensis. Environmental Toxicology and Pharmacology, 2020, 77, 103379.	2.0	7
4	Cell-based assays seem not to accurately predict fish short-term toxicity of pesticides. Environmental Pollution, 2019, 252, 476-482.	3.7	16
5	Indirubin and NAD⁺ prevent mitochondrial ischaemia/reperfusion damage in fatty livers. European Journal of Clinical Investigation, 2018, 48, e12932.	1.7	21
6	An autophagic process is activated in HepG2 cells to mediate BDE-100-induced toxicity. Toxicology, 2017, 376, 59-65.	2.0	21
7	Exposure to BDE-153 induces autophagy in HepG2 cells. Toxicology in Vitro, 2017, 42, 61-68.	1.1	9
8	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
9	Mitochondrial bioenergetics and posthepatectomy liver dysfunction. European Journal of Clinical Investigation, 2016, 46, 627-635.	1.7	18
10	Low-dose, subchronic exposure to silver nanoparticles causes mitochondrial alterations in Sprague–Dawley rats. Nanomedicine, 2016, 11, 1359-1375.	1.7	37
11	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
12	PPARÎ±Agonist WY-14643 Induces SIRT1 Activity in Rat Fatty Liver Ischemia-Reperfusion Injury. BioMed Research International, 2015, 2015, 1-7.	0.9	15
13	High-fat and obesogenic diets: current and future strategies to fight obesity and diabetes. Genes and Nutrition, 2014, 9, 406.	1.2	26
14	Biomarkers of mitochondrial dysfunction and toxicity. , 2014, , 847-861.		1
15	Berberine reverts hepatic mitochondrial dysfunction in high-fat fed rats: A possible role for SirT3 activation. Mitochondrion, 2013, 13, 637-646.	1.6	93
16	Dibenzofuran-induced mitochondrial dysfunction: Interaction with ANT carrier. Toxicology in Vitro, 2013, 27, 2160-2168.	1.1	15
17	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
18	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

#	Article	IF	Citations
19	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
20	Fatty Liver and Ischemia/Reperfusion: Are there Drugs Able to Mitigate Injury?. Current Medicinal Chemistry, 2011, 18, 4987-5002.	1.2	22
21	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
22	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