Filipe V Duarte

List of Publications by Year in Descending Order

34 papers	5,624 citations	18 h-index	34 g-index
34 ext. papers	7,650 ext. citations	5.4 avg, IF	4.37 L-index

#	Paper	IF	Citations
34	Transient incubation of cultured hippocampal neurons in the absence of magnesium induces rhythmic and synchronized epileptiform-like activity. *Scientific Reports*, **2021**, 11, 11374	4.9	2
33	Development of an optimized and scalable method for isolation of umbilical cord blood-derived small extracellular vesicles for future clinical use. *Stem Cells Translational Medicine*, **2021**, 10, 910-921	6.9	10
32	Toxicological Profile of Umbilical Cord Blood-Derived Small Extracellular Vesicles. *Membranes*, **2021**, 11,	3.8	2
31	Immunomodulatory Properties of Umbilical Cord Blood-Derived Small Extracellular Vesicles and Their Therapeutic Potential for Inflammatory Skin Disorders. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
30	Mitochondrial microRNAs: A Putative Role in Tissue Regeneration. *Biology*, **2020**, 9,	4.9	1
29	Enhanced ATP release and CD73-mediated adenosine formation sustain adenosine A receptor over-activation in a rat model of Parkinson's disease. *British Journal of Pharmacology*, **2019**, 176, 3666-3680	8.6	23
28	Indirubin and NAD prevent mitochondrial ischaemia/reperfusion damage in fatty livers. *European Journal of Clinical Investigation*, **2018**, 48, e12932	4.6	10
27	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
26	Mitochondrial damage and apoptosis: Key features in BDE-153-induced hepatotoxicity. *Chemico-Biological Interactions*, **2018**, 291, 192-201	5	10
25	An autophagic process is activated in HepG2 cells to mediate BDE-100-induced toxicity. *Toxicology*, **2017**, 376, 59-65	4.4	15
24	Exposure to BDE-153 induces autophagy in HepG2 cells. *Toxicology in Vitro*, **2017**, 42, 61-68	3.6	7
23	Exposure to decabromodiphenyl ether (BDE-209) produces mitochondrial dysfunction in rat liver and cell death. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2017**, 80, 1129-1144	2.2	25
22	Adenosine receptors: regulatory players in the preservation of mitochondrial function induced by ischemic preconditioning of rat liver. *Purinergic Signalling*, **2017**, 13, 179-190	3.8	9
21	Hepatic and skeletal muscle mitochondrial toxicity of chitosan oligosaccharides of normal and diabetic rats. *Toxicology Mechanisms and Methods*, **2016**, 26, 650-657	3.6	7
20	Mitochondria as a Target for Safety and Toxicity Evaluation of Nutraceuticals **2016**, 387-400		1
19	Evaluation of Polybrominated Diphenyl Ether Toxicity on HepG2 Cells - Hexabrominated Congener (BDE-154) Is Less Toxic than Tetrabrominated Congener (BDE-47). *Basic and Clinical Pharmacology and Toxicology*, **2016**, 119, 485-497	3.1	21
18	Low-dose, subchronic exposure to silver nanoparticles causes mitochondrial alterations in Sprague-Dawley rats. *Nanomedicine*, **2016**, 11, 1359-75	5.6	29

17	The Emerging Role of MitomiRs in the Pathophysiology of Human Disease. *Advances in Experimental Medicine and Biology*, **2015**, 888, 123-54	3.6	51
16	Regulation of Mitochondrial Function and its Impact in Metabolic Stress. *Current Medicinal Chemistry*, **2015**, 22, 2468-79	4.3	20
15	Biomarkers of mitochondrial dysfunction and toxicity **2014**, 847-861		
14	The Role of microRNAs in Mitochondria: Small Players Acting Wide. *Genes*, **2014**, 5, 865-86	4.2	91
13	Enhancement of brown fat thermogenesis using chenodeoxycholic acid in mice. *International Journal of Obesity*, **2014**, 38, 1027-34	5.5	41
12	Berberine reverts hepatic mitochondrial dysfunction in high-fat fed rats: a possible role for SirT3 activation. *Mitochondrion*, **2013**, 13, 637-46	4.9	79
11	Dibenzofuran-induced mitochondrial dysfunction: Interaction with ANT carrier. *Toxicology in Vitro*, **2013**, 27, 2160-8	3.6	12
10	Uncovering the beginning of diabetes: the cellular redox status and oxidative stress as starting players in hyperglycemic damage. *Molecular and Cellular Biochemistry*, **2013**, 376, 103-10	4.2	30
9	Exposure to dibenzofuran triggers autophagy in lung cells. *Toxicology Letters*, **2012**, 209, 35-42	4.4	25
8	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, 185-95	6.9	109
7	SIRT1 is required for AMPK activation and the beneficial effects of resveratrol on mitochondrial function. *Cell Metabolism*, **2012**, 15, 675-90	24.6	1032
6	Assessment of the toxicity of silver nanoparticles in vitro: a mitochondrial perspective. *Toxicology in Vitro*, **2011**, 25, 664-70	3.6	168
5	Exposure to dibenzofuran affects lung mitochondrial function in vitro. *Toxicology Mechanisms and Methods*, **2011**, 21, 571-6	3.6	12
4	Exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin and tetraethyl lead affects lung mitochondria bioenergetics. *Toxicology Mechanisms and Methods*, **2010**, 20, 1-6	3.6	3
3	Indirubin-3′-oxime prevents hepatic I/R damage by inhibiting GSK-3beta and mitochondrial permeability transition. *Mitochondrion*, **2010**, 10, 456-63	4.9	37
2	Indirubin-3′-oxime impairs mitochondrial oxidative phosphorylation and prevents mitochondrial permeability transition induction. *Toxicology and Applied Pharmacology*, **2008**, 233, 179-85	4.6	22
1	Differential alterations in mitochondrial function induced by a choline-deficient diet: understanding fatty liver disease progression. *Mitochondrion*, **2008**, 8, 367-76	4.9	77