

Filipe V Duarte

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
33	SIRT1 is required for AMPK activation and the beneficial effects of resveratrol on mitochondrial function. <i>Cell Metabolism</i> , 2012 , 15, 675-90	24.6	1032
32	Assessment of the toxicity of silver nanoparticles in vitro: a mitochondrial perspective. <i>Toxicology in Vitro</i> , 2011 , 25, 664-70	3.6	168
31	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, 185-95	6.9	109
30	The Role of microRNAs in Mitochondria: Small Players Acting Wide. <i>Genes</i> , 2014 , 5, 865-86	4.2	91
29	Berberine reverts hepatic mitochondrial dysfunction in high-fat fed rats: a possible role for SirT3 activation. <i>Mitochondrion</i> , 2013 , 13, 637-46	4.9	79
28	Differential alterations in mitochondrial function induced by a choline-deficient diet: understanding fatty liver disease progression. <i>Mitochondrion</i> , 2008 , 8, 367-76	4.9	77
27	The Emerging Role of MitomiRs in the Pathophysiology of Human Disease. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 888, 123-54	3.6	51
26	Enhancement of brown fat thermogenesis using chenodeoxycholic acid in mice. <i>International Journal of Obesity</i> , 2014 , 38, 1027-34	5.5	41
25	Indirubin-3-oxime prevents hepatic I/R damage by inhibiting GSK-3beta and mitochondrial permeability transition. <i>Mitochondrion</i> , 2010 , 10, 456-63	4.9	37
24	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, 103-10	4.2	30
23	Low-dose, subchronic exposure to silver nanoparticles causes mitochondrial alterations in Sprague-Dawley rats. <i>Nanomedicine</i> , 2016 , 11, 1359-75	5.6	29
22	Exposure to decabromodiphenyl ether (BDE-209) produces mitochondrial dysfunction in rat liver and cell death. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017 , 80, 1129-1144	3.2	25
21	Exposure to dibenzofuran triggers autophagy in lung cells. <i>Toxicology Letters</i> , 2012 , 209, 35-42	4.4	25
20	Enhanced ATP release and CD73-mediated adenosine formation sustain adenosine A receptor over-activation in a rat model of Parkinson's disease. <i>British Journal of Pharmacology</i> , 2019 , 176, 3666-3680	8.6	23
19	Indirubin-3-oxime impairs mitochondrial oxidative phosphorylation and prevents mitochondrial permeability transition induction. <i>Toxicology and Applied Pharmacology</i> , 2008 , 233, 179-85	4.6	22
18	Evaluation of Polybrominated Diphenyl Ether Toxicity on HepG2 Cells - Hexabrominated Congener (BDE-154) Is Less Toxic than Tetrabrominated Congener (BDE-47). <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016 , 119, 485-497	3.1	21

17	Regulation of Mitochondrial Function and its Impact in Metabolic Stress. <i>Current Medicinal Chemistry</i> , 2015 , 22, 2468-79	4.3	20
16	An autophagic process is activated in HepG2 cells to mediate BDE-100-induced toxicity. <i>Toxicology</i> , 2017 , 376, 59-65	4.4	15
15	Dibenzofuran-induced mitochondrial dysfunction: Interaction with ANT carrier. <i>Toxicology in Vitro</i> , 2013 , 27, 2160-8	3.6	12
14	Exposure to dibenzofuran affects lung mitochondrial function in vitro. <i>Toxicology Mechanisms and Methods</i> , 2011 , 21, 571-6	3.6	12
13	Iridubin and NAD prevent mitochondrial ischaemia/reperfusion damage in fatty livers. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e12932	4.6	10
12	Development of an optimized and scalable method for isolation of umbilical cord blood-derived small extracellular vesicles for future clinical use. <i>Stem Cells Translational Medicine</i> , 2021 , 10, 910-921	6.9	10
11	Mitochondrial damage and apoptosis: Key features in BDE-153-induced hepatotoxicity. <i>Chemico-Biological Interactions</i> , 2018 , 291, 192-201	5	10
10	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	3.8	9
9	Exposure to BDE-153 induces autophagy in HepG2 cells. <i>Toxicology in Vitro</i> , 2017 , 42, 61-68	3.6	7
8	Hepatic and skeletal muscle mitochondrial toxicity of chitosan oligosaccharides of normal and diabetic rats. <i>Toxicology Mechanisms and Methods</i> , 2016 , 26, 650-657	3.6	7
7	Exposure to 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin and tetraethyl lead affects lung mitochondria bioenergetics. <i>Toxicology Mechanisms and Methods</i> , 2010 , 20, 1-6	3.6	3
6	Transient incubation of cultured hippocampal neurons in the absence of magnesium induces rhythmic and synchronized epileptiform-like activity. <i>Scientific Reports</i> , 2021 , 11, 11374	4.9	2
5	Toxicological Profile of Umbilical Cord Blood-Derived Small Extracellular Vesicles. <i>Membranes</i> , 2021 , 11,	3.8	2
4	Mitochondria as a Target for Safety and Toxicity Evaluation of Nutraceuticals 2016 , 387-400		1
3	Mitochondrial microRNAs: A Putative Role in Tissue Regeneration. <i>Biology</i> , 2020 , 9,	4.9	1
2	Immunomodulatory Properties of Umbilical Cord Blood-Derived Small Extracellular Vesicles and Their Therapeutic Potential for Inflammatory Skin Disorders. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
1	Biomarkers of mitochondrial dysfunction and toxicity 2014 , 847-861		