Jos Carlos Santos Teixeira

List of Publications by Citations

35 papers	881 citations	18 h-index	29 g-index
41 ext. papers	1,118 ext. citations	6.3 avg, IF	4.17 L-index

#	Paper	IF	Citations
35	Hydroxycinnamic acid antioxidants: an electrochemical overview. *BioMed Research International*, **2013**, 2013, 251754	3	138
34	Alzheimer's disease, enzyme targets and drug discovery struggles: from natural products to drug prototypes. *Ageing Research Reviews*, **2014**, 15, 116-45	12	98
33	Alzheimer's disease, cholesterol, and statins: the junctions of important metabolic pathways. *Angewandte Chemie - International Edition*, **2013**, 52, 1110-21	16.4	46
32	Exploring nature profits: development of novel and potent lipophilic antioxidants based on galloyl-cinnamic hybrids. *European Journal of Medicinal Chemistry*, **2013**, 62, 289-96	6.8	46
31	Complex I and complex III inhibition specifically increase cytosolic hydrogen peroxide levels without inducing oxidative stress in HEK293 cells. *Redox Biology*, **2015**, 6, 607-616	11.3	45
30	Extracellular acidification induces ROS- and mPTP-mediated death in HEK293 cells. *Redox Biology*, **2018**, 15, 394-404	11.3	43
29	Antioxidant therapy: still in search of the 'magic bullet'. *Mitochondrion*, **2013**, 13, 427-35	4.9	43
28	Mitochondria: Targeting mitochondrial reactive oxygen species with mitochondriotropic polyphenolic-based antioxidants. *International Journal of Biochemistry and Cell Biology*, **2018**, 97, 98-103	5.6	40
27	Multi-target-directed ligands for Alzheimer's disease: Discovery of chromone-based monoamine oxidase/cholinesterase inhibitors. *European Journal of Medicinal Chemistry*, **2018**, 158, 781-800	6.8	40
26	Dietary Polyphenols and Mitochondrial Function: Role in Health and Disease. *Current Medicinal Chemistry*, **2019**, 26, 3376-3406	4.3	39
25	Alzheimer's disease and antioxidant therapy: how long how far?. *Current Medicinal Chemistry*, **2013**, 20, 2939-52	4.3	35
24	Development of a Mitochondriotropic Antioxidant Based on Caffeic Acid: Proof of Concept on Cellular and Mitochondrial Oxidative Stress Models. *Journal of Medicinal Chemistry*, **2017**, 60, 7084-7098	8.3	34
23	Disruption of mitochondrial function as mechanism for anti-cancer activity of a novel mitochondriotropic menadione derivative. *Toxicology*, **2018**, 393, 123-139	4.4	25
22	Development of hydroxybenzoic-based platforms as a solution to deliver dietary antioxidants to mitochondria. *Scientific Reports*, **2017**, 7, 6842	4.9	23
21	Rational discovery and development of a mitochondria-targeted antioxidant based on cinnamic acid scaffold. *Free Radical Research*, **2012**, 46, 600-11	4	23
20	Hydroxybenzoic Acid Derivatives as Dual-Target Ligands: Mitochondriotropic Antioxidants and Cholinesterase Inhibitors. *Frontiers in Chemistry*, **2018**, 6, 126	5	21
19	Benzoic acid-derived nitrones: A new class of potential acetylcholinesterase inhibitors and neuroprotective agents. *European Journal of Medicinal Chemistry*, **2019**, 174, 116-129	6.8	19

18	Fine-tuning the neuroprotective and blood-brain barrier permeability profile of multi-target agents designed to prevent progressive mitochondrial dysfunction. *European Journal of Medicinal Chemistry*, **2019**, 167, 525-545	6.8	18
17	Discovery of a new mitochondria permeability transition pore (mPTP) inhibitor based on gallic acid. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2018**, 33, 567-576	5.6	18
16	Mg2+-doped poly(e-caprolactone)/siloxane biohybrids. *Electrochimica Acta*, **2010**, 55, 1328-1332	6.7	17
15	Mitochondrial and liver oxidative stress alterations induced by N-butyl-N-(4-hydroxybutyl)nitrosamine: relevance for hepatotoxicity. *Journal of Applied Toxicology*, **2013**, 33, 434-43	4.1	16
14	Transfer of glucose hydrogens via acetyl-CoA, malonyl-CoA, and NADPH to fatty acids during de novo lipogenesis. *Journal of Lipid Research*, **2019**, 60, 2050-2056	6.3	7
13	The Alterations of Mitochondrial Function during NAFLD Progression-An Independent Effect of Mitochondrial ROS Production. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	7
12	Desrisking the Cytotoxicity of a Mitochondriotropic Antioxidant Based on Caffeic Acid by a PEGylated Strategy. *Bioconjugate Chemistry*, **2018**, 29, 2723-2733	6.3	7
11	Targeting Mitochondria: The Road to Mitochondriotropic Antioxidants and Beyond **2018**, 333-358		6
10	Electrochemical Behavior of a Mitochondria-Targeted Antioxidant at an Interface between Two Immiscible Electrolyte Solutions: An Alternative Approach to Study Lipophilicity. *Analytical Chemistry*, **2018**, 90, 7989-7996	7.8	5
9	Mitochondria-targeted phenolic antioxidants induce ROS-protective pathways in primary human skin fibroblasts. *Free Radical Biology and Medicine*, **2021**, 163, 314-324	7.8	5
8	A mitochondria-targeted caffeic acid derivative reverts cellular and mitochondrial defects in human skin fibroblasts from male sporadic Parkinson's disease patients. *Redox Biology*, **2021**, 45, 102037	11.3	4
7	Sources of hepatic glycogen synthesis in mice fed with glucose or fructose as the sole dietary carbohydrate. *Magnetic Resonance in Medicine*, **2019**, 81, 639-644	4.4	3
6	Exploratory Data Analysis of Cell and Mitochondrial High-Fat, High-Sugar Toxicity on Human HepG2 Cells. *Nutrients*, **2021**, 13,	6.7	3
5	Alzheimersche Demenz, Cholesterin und Statine: Berührungspunkte wichtiger Stoffwechselwege. *Angewandte Chemie*, **2013**, 125, 1146-1158	3.6	2
4	Mitochondriotropic antioxidant based on caffeic acid AntiOxCIN activates Nrf2-dependent antioxidant defenses and quality control mechanisms to antagonize oxidative stress-induced cell damage.. *Free Radical Biology and Medicine*, **2021**, 179, 119-119	7.8	2
3	Cytoskeleton alterations in non-alcoholic fatty liver disease.. *Metabolism: Clinical and Experimental*, **2021**, 155115	12.7	1
2	Bridging the gap between nature and antioxidant setbacks: delivering caffeic acid to mitochondria. *Methods in Molecular Biology*, **2015**, 1265, 73-83	1.4	1
1	Bridging the Gap Between Nature and Antioxidant Setbacks: Delivering Gallic Acid to Mitochondria. *Methods in Molecular Biology*, **2021**, 2275, 161-172	1.4	0