Juan Garrido-Maraver

List of Publications by Year
in descending order

30 papers	1,205 citations	394421 19 h-index	580821 25 g-index
31 all docs	31 docs citations	31 times ranked	2172 citing authors

#	Article	IF	Citations
1	Secondary coenzyme Q₁₀deficiency triggers mitochondria degradation by mitophagy in MELAS fibroblasts. FASEB Journal, 2011, 25, 2669-2687.	0.5	122
2	Mitochondrial dysfunction and mitophagy activation in blood mononuclear cells of fibromyalgia patients: implications in the pathogenesis of the disease. Arthritis Research and Therapy, 2010, 12, R17.	3.5	120
3	Coenzyme Q₁₀ Therapy. Molecular Syndromology, 2014, 5, 187-197.	0.8	118
4	Clinical applications of coenzyme Qâ‚€. Frontiers in Bioscience - Landmark, 2014, 19, 619.	3.0	116
5	Pharmacological Chaperones and Coenzyme Q10 Treatment Improves Mutant Î²-Glucocerebrosidase Activity and Mitochondrial Function in Neuronopathic Forms of Gaucher Disease. Scientific Reports, 2015, 5, 10903.	3.3	107
6	AMPK Phosphorylation Modulates Pain by Activation of NLRP3 Inflammasome. Antioxidants and Redox Signaling, 2016, 24, 157-170.	5.4	85
7	AMPK Regulation of Cell Growth, Apoptosis, Autophagy, and Bioenergetics. Exs, 2016, 107, 45-71.	1.4	60
8	Oral treatment with amitriptyline induces coenzyme Q deficiency and oxidative stress in psychiatric patients. Journal of Psychiatric Research, 2012, 46, 341-345.	3.1	45
9	Recovery of MERRF Fibroblasts and Cybrids Pathophysiology by Coenzyme Q10. Neurotherapeutics, 2012, 9, 446-463.	4.4	43
10	Critical role of AMP-activated protein kinase in the balance between mitophagy and mitochondrial biogenesis in MELAS disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2535-2553.	3.8	42
11	Acute oxidant damage promoted on cancer cells by amitriptyline in comparison with some common chemotherapeutic drugs. Anti-Cancer Drugs, 2010, 21, 932-944.	1.4	40
12	Screening of effective pharmacological treatments for MELAS syndrome using yeasts, fibroblasts and cybrid models of the disease. British Journal of Pharmacology, 2012, 167, 1311-1328.	5.4	38
13	Coenzyme Q10 and alpha-tocopherol protect against amitriptyline toxicity. Toxicology and Applied Pharmacology, 2009, 235, 329-337.	2.8	34
14	Metformin and caloric restriction induce an AMPK-dependent restoration of mitochondrial dysfunction in fibroblasts from Fibromyalgia patients. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1257-1267.	3.8	33
15	Targeting autophagy and mitophagy for mitochondrial diseases treatment. Expert Opinion on Therapeutic Targets, 2016, 20, 487-500.	3.4	31
16	Forcing contacts between mitochondria and the endoplasmic reticulum extends lifespan in a Drosophila model of Alzheimer's disease. Biology Open, 2020, 9, .	1.2	31
17	Apoptotic microtubule network organization and maintenance depend on high cellular ATP levels and energized mitochondria. Apoptosis: an International Journal on Programmed Cell Death, 2011, 16, 404-424.	4.9	24
18	Apoptotic microtubules delimit an active caspase free area in the cellular cortex during the execution phase of apoptosis. Cell Death and Disease, 2013, 4, e527-e527.	6.3	24

#	Article	IF	Citations
19	Amitriptyline induces mitophagy that precedes apoptosis in human HepG2 cells. Genes and Cancer, 2016, 7, 260-277.	1.9	23
20	Emerging roles of apoptotic microtubules during the execution phase of apoptosis. Cytoskeleton, 2015, 72, 435-446.	2.0	15
21	The Connections Among Autophagy, Inflammasome and Mitochondria. Current Drug Targets, 2017, 18, 1030-1038.	2.1	14
22	Enhancing folic acid metabolism suppresses defects associated with loss of Drosophila mitofusin. Cell Death and Disease, 2019, 10, 288.	6.3	11
23	AMPK As A Target in Rare Diseases. Current Drug Targets, 2016, 17, 921-931.	2.1	9
24	Stabilization of apoptotic cells: generation of zombie cells. Cell Death and Disease, 2014, 5, e1369-e1369.	6.3	7
25	Apoptotic cells subjected to cold/warming exposure disorganize apoptotic microtubule network and undergo secondary necrosis. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 1364-1377.	4.9	7
26	Folinic acid is neuroprotective in a fly model of Parkinsonâ€™s disease associated with pink1 mutations. Matters, 0, , .	1.0	4
27	The Apoptotic Microtubule Network During the Execution Phase of Apoptosis. , 0, , .		1
28	Mitophagy Plays a Protective Role in Fibroblasts from Patients with Coenzyme Q10 Deficiency. , 2014, , 131-144.		0
29	Stabilization Of Apoptotic Cells: Generation Of Zombie Cells. Redox Biology, 2015, 5, 416.	9.0	0
30	The Role of Autophagy and Mitophagy in Mitochondrial Diseases. , 2016, , 155-172.		0