

Marina Villanueva Paz

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.

33
papers

697
citations

13
h-index

26
g-index

36
ext. papers

918
ext. citations

5.4
avg, IF

3.41
L-index

#	Paper	IF	Citations
33	Mitochondrial Dynamics in Mitochondrial Diseases. <i>Diseases (Basel, Switzerland)</i> , 2016 , 5,	4.4	96
32	Pharmacological Chaperones and Coenzyme Q10 Treatment Improves Mutant β-Glucocerebrosidase Activity and Mitochondrial Function in Neuronopathic Forms of Gaucher Disease. <i>Scientific Reports</i> , 2015 , 5, 10903	4.9	88
31	Coenzyme q10 therapy. <i>Molecular Syndromology</i> , 2014 , 5, 187-97	1.5	85
30	Clinical applications of coenzyme Q10. <i>Frontiers in Bioscience - Landmark</i> , 2014 , 19, 619-33	2.8	68
29	AMPK Regulation of Cell Growth, Apoptosis, Autophagy, and Bioenergetics. <i>Exs</i> , 2016 , 107, 45-71		41
28	Dynamic Reorganization of the Cytoskeleton during Apoptosis: The Two Coffins Hypothesis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	41
27	Mitochondrial Dysfunction in Lysosomal Storage Disorders. <i>Diseases (Basel, Switzerland)</i> , 2016 , 4,	4.4	32
26	Critical role of AMP-activated protein kinase in the balance between mitophagy and mitochondrial biogenesis in MELAS disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 2535-53	6.9	29
25	Targeting autophagy and mitophagy for mitochondrial diseases treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 487-500	6.4	22
24	Apoptotic microtubules delimit an active caspase free area in the cellular cortex during the execution phase of apoptosis. <i>Cell Death and Disease</i> , 2013 , 4, e527	9.8	21
23	Pantothenate Rescues Iron Accumulation in Pantothenate Kinase-Associated Neurodegeneration Depending on the Type of Mutation. <i>Molecular Neurobiology</i> , 2019 , 56, 3638-3656	6.2	19
22	Atherosclerosis and Coenzyme Q. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
21	Amitriptyline induces mitophagy that precedes apoptosis in human HepG2 cells. <i>Genes and Cancer</i> , 2016 , 7, 260-277	2.9	15
20	The Connections Among Autophagy, Inflammasome and Mitochondria. <i>Current Drug Targets</i> , 2017 , 18, 1030-1038	3	12
19	Pathophysiological characterization of MERRF patient-specific induced neurons generated by direct reprogramming. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019 , 1866, 861-881	4.9	11
18	Oxidative Stress in Drug-Induced Liver Injury (DILI): From Mechanisms to Biomarkers for Use in Clinical Practice. <i>Antioxidants</i> , 2021 , 10,	7.1	11
17	Intracellular cholesterol accumulation and coenzyme Q deficiency in Familial Hypercholesterolemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 3697-3713	6.9	11

16	Parkin-mediated mitophagy and autophagy flux disruption in cellular models of MERRF syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165726	6.9	10
15	Emerging roles of apoptotic microtubules during the execution phase of apoptosis. <i>Cytoskeleton</i> , 2015 , 72, 435-46	2.4	10
14	Coenzyme Q partially restores pathological alterations in a macrophage model of Gaucher disease. <i>Orphanet Journal of Rare Diseases</i> , 2017 , 12, 23	4.2	9
13	AMPK As A Target in Rare Diseases. <i>Current Drug Targets</i> , 2016 , 17, 921-31	3	8
12	Two coffins and a funeral: early or late caspase activation determines two types of apoptosis induced by DNA damaging agents. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017 , 22, 421-436	5.4	7
11	Apoptotic cells subjected to cold/warming exposure disorganize apoptotic microtubule network and undergo secondary necrosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014 , 19, 1364-77	5.4	6
10	Vitamin E prevents lipid peroxidation and iron accumulation in PLA2G6-Associated Neurodegeneration.. <i>Neurobiology of Disease</i> , 2022 , 105649	7.5	6
9	Precision medicine in pantothenate kinase-associated neurodegeneration. <i>Neural Regeneration Research</i> , 2019 , 14, 1177-1185	4.5	6
8	Amitriptyline down-regulates coenzyme Q biosynthesis in lung cancer cells. <i>European Journal of Pharmacology</i> , 2017 , 797, 75-82	5.3	3
7	Preclinical models of idiosyncratic drug-induced liver injury (iDILI): Moving towards prediction.. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 3685-3726	15.5	3
6	Advances in mt-tRNA Mutation-Caused Mitochondrial Disease Modeling: PatientsUBrain in a Dish. <i>Frontiers in Genetics</i> , 2020 , 11, 610764	4.5	3
5	The Apoptotic Microtubule Network During the Execution Phase of Apoptosis 2015 ,		1
4	Critical Review of Gaps in the Diagnosis and Management of Drug-Induced Liver Injury Associated with Severe Cutaneous Adverse Reactions. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
3	Stabilization Of Apoptotic Cells: Generation Of Zombie Cells. <i>Redox Biology</i> , 2015 , 5, 416	11.3	
2	Mitophagy Plays a Protective Role in Fibroblasts from Patients with Coenzyme Q10 Deficiency 2014 , 131-144		
1	The Role of Autophagy and Mitophagy in Mitochondrial Diseases 2016 , 155-172		