

# Marina Villanueva Paz

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,130  
citations

393982

19  
h-index

433756

31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Dynamics in Mitochondrial Diseases. <i>Diseases (Basel, Switzerland)</i> , 2017, 5, 1.	1.0	142
2	Coenzyme Q10 Therapy. <i>Molecular Syndromology</i> , 2014, 5, 187-197.	0.3	118
3	Clinical applications of coenzyme Q10. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 619.	3.0	116
4	Pharmacological Chaperones and Coenzyme Q10 Treatment Improves Mutant $\beta$ -Glucocerebrosidase Activity and Mitochondrial Function in Neuronopathic Forms of Gaucher Disease. <i>Scientific Reports</i> , 2015, 5, 10903.	1.6	107
5	Dynamic Reorganization of the Cytoskeleton during Apoptosis: The Two Coffins Hypothesis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2393.	1.8	74
6	Oxidative Stress in Drug-Induced Liver Injury (DILI): From Mechanisms to Biomarkers for Use in Clinical Practice. <i>Antioxidants</i> , 2021, 10, 390.	2.2	64
7	AMPK Regulation of Cell Growth, Apoptosis, Autophagy, and Bioenergetics. <i>Exs</i> , 2016, 107, 45-71.	1.4	60
8	Mitochondrial Dysfunction in Lysosomal Storage Disorders. <i>Diseases (Basel, Switzerland)</i> , 2016, 4, 31.	1.0	45
9	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, 2535-2553.	1.8	42
10	Pantothenate Rescues Iron Accumulation in Pantothenate Kinase-Associated Neurodegeneration Depending on the Type of Mutation. <i>Molecular Neurobiology</i> , 2019, 56, 3638-3656.	1.9	36
11	Targeting autophagy and mitophagy for mitochondrial diseases treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 487-500.	1.5	31
12	Atherosclerosis and Coenzyme Q10. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5195.	1.8	27
13	Preclinical models of idiosyncratic drug-induced liver injury (iDILI): Moving towards prediction. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3685-3726.	5.7	27
14	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-e527.	2.7	24
15	Amitriptyline induces mitophagy that precedes apoptosis in human HepG2 cells. <i>Genes and Cancer</i> , 2016, 7, 260-277.	0.6	23
16	Vitamin E prevents lipid peroxidation and iron accumulation in PLA2G6-Associated Neurodegeneration. <i>Neurobiology of Disease</i> , 2022, 165, 105649.	2.1	23
17	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.	1.9	22
18	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.	1.8	22

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19	Intracellular cholesterol accumulation and coenzyme Q10 deficiency in Familial Hypercholesterolemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3697-3713.	1.8	20
20	Emerging roles of apoptotic microtubules during the execution phase of apoptosis. <i>Cytoskeleton</i> , 2015, 72, 435-446.	1.0	15
21	Coenzyme Q10 partially restores pathological alterations in a macrophage model of Gaucher disease. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 23.	1.2	14
22	The Connections Among Autophagy, Inflammasome and Mitochondria. <i>Current Drug Targets</i> , 2017, 18, 1030-1038.	1.0	14
23	Precision medicine in pantothenate kinase-associated neurodegeneration. <i>Neural Regeneration Research</i> , 2019, 14, 1177.	1.6	11
24	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.	2.2	9
25	AMPK As A Target in Rare Diseases. <i>Current Drug Targets</i> , 2016, 17, 921-931.	1.0	9
26	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, 1364-1377.	2.2	7
27	Amitriptyline down-regulates coenzyme Q10 biosynthesis in lung cancer cells. <i>European Journal of Pharmacology</i> , 2017, 797, 75-82.	1.7	7
28	Advances in mt-tRNA Mutation-Caused Mitochondrial Disease Modeling: Patients' Brain in a Dish. <i>Frontiers in Genetics</i> , 2020, 11, 610764.	1.1	7
29	Cytoskeleton Rearrangements during the Execution Phase of Apoptosis. , 0, , .		4
30	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, 5317.	1.0	3
31	Modeling Mitochondrial Encephalomyopathy, Lactic Acidosis, and Stroke-Like Episodes Syndrome Using Patient-Derived Induced Neurons Generated by Direct Reprogramming. <i>Cellular Reprogramming</i> , 2022, 24, 294-303.	0.5	2
32	The Apoptotic Microtubule Network During the Execution Phase of Apoptosis. , 0, , .		1
33	Mitophagy Plays a Protective Role in Fibroblasts from Patients with Coenzyme Q10 Deficiency. , 2014, , 131-144.		0
34	Stabilization Of Apoptotic Cells: Generation Of Zombie Cells. <i>Redox Biology</i> , 2015, 5, 416.	3.9	0
35	The Role of Autophagy and Mitophagy in Mitochondrial Diseases. , 2016, , 155-172.		0