

Antonietta Franco

List of Publications by Year in descending order

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16
papers

987
citations

687363

13
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1396
citing authors

#	ARTICLE	IF	CITATIONS
1	Reciprocal Regulation of Mitofusin 2-Mediated Mitophagy and Mitochondrial Fusion by Different PINK1 Phosphorylation Events. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	3.7	18
2	Piperine Derivatives Enhance Fusion and Axonal Transport of Mitochondria by Activating Mitofusins. <i>Chemistry</i> , 2022, 4, 655-668.	2.2	5
3	Pharmacophore-Based Design of Phenyl-[hydroxycyclohexyl] Cycloalkyl-Carboxamide Mitofusin Activators with Improved Neuronal Activity. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 12506-12524.	6.4	9
4	Discovery of 6-Phenylhexanamide Derivatives as Potent Stereoselective Mitofusin Activators for the Treatment of Mitochondrial Diseases. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7033-7051.	6.4	30
5	The tethering function of mitofusin2 controls osteoclast differentiation by modulating the Ca ²⁺ -NFATc1 axis. <i>Journal of Biological Chemistry</i> , 2020, 295, 6629-6640.	3.4	22
6	Pharmacological inhibition of GRK2 improves cardiac metabolism and function in experimental heart failure. <i>ESC Heart Failure</i> , 2020, 7, 1571-1584.	3.1	21
7	Burst mitofusin activation reverses neuromuscular dysfunction in murine CMT2A. <i>ELife</i> , 2020, 9, .	6.0	34
8	Restoring mitofusin balance prevents axonal degeneration in a Charcot-Marie-Tooth type 2A model. <i>Journal of Clinical Investigation</i> , 2019, 129, 1756-1771.	8.2	75
9	MFN2 agonists reverse mitochondrial defects in preclinical models of Charcot-Marie-Tooth disease type 2A. <i>Science</i> , 2018, 360, 336-341.	12.6	187
10	GRK2 moderates the acute mitochondrial damage to ionizing radiation exposure by promoting mitochondrial fission/fusion. <i>Cell Death Discovery</i> , 2018, 4, 25.	4.7	32
11	G-protein receptor kinases 2, 5 and 6 redundantly modulate Smoothed-GATA transcriptional crosstalk in fetal mouse hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 121, 60-68.	1.9	7
12	Abrogating Mitochondrial Dynamics in Mouse Hearts Accelerates Mitochondrial Senescence. <i>Cell Metabolism</i> , 2017, 26, 872-883.e5.	16.2	228
13	Correcting mitochondrial fusion by manipulating mitofusin conformations. <i>Nature</i> , 2016, 540, 74-79.	27.8	190
14	Integrating GRK2 and NFκB in the Pathophysiology of Cardiac Hypertrophy. <i>Journal of Cardiovascular Translational Research</i> , 2015, 8, 493-502.	2.4	46
15	Targeting the CaMKII/ERK Interaction in the Heart Prevents Cardiac Hypertrophy. <i>PLoS ONE</i> , 2015, 10, e0130477.	2.5	52
16	Endothelial G Protein-Coupled Receptor Kinase 2 Regulates Vascular Homeostasis Through the Control of Free Radical Oxygen Species. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2415-2424.	2.4	31