Antonietta Franco

List of Publications by Year
in descending order

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	Abrogating Mitochondrial Dynamics in Mouse Hearts Accelerates Mitochondrial Senescence. Cell Metabolism, 2017, 26, 872-883.e5.	16.2	228
2	Correcting mitochondrial fusion by manipulating mitofusin conformations. Nature, 2016, 540, 74-79.	27.8	190
3	MFN2 agonists reverse mitochondrial defects in preclinical models of Charcot-Marie-Tooth disease type 2A. Science, 2018, 360, 336-341.	12.6	187
4	Restoring mitofusin balance prevents axonal degeneration in a Charcot-Marie-Tooth type 2A model. Journal of Clinical Investigation, 2019, 129, 1756-1771.	8.2	75
5	Targeting the CaMKII/ERK Interaction in the Heart Prevents Cardiac Hypertrophy. PLoS ONE, 2015, 10, e0130477.	2.5	52
6	Integrating GRK2 and NFkappaB in the Pathophysiology of Cardiac Hypertrophy. Journal of Cardiovascular Translational Research, 2015, 8, 493-502.	2.4	46
7	Burst mitofusin activation reverses neuromuscular dysfunction in murine CMT2A. ELife, 2020, 9, .	6.0	34
8	GRK2 moderates the acute mitochondrial damage to ionizing radiation exposure by promoting mitochondrial fission/fusion. Cell Death Discovery, 2018, 4, 25.	4.7	32
9	Endothelial G Proteinâ€“Coupled Receptor Kinase 2 Regulates Vascular Homeostasis Through the Control of Free Radical Oxygen Species. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2415-2424.	2.4	31
10	Discovery of 6-Phenylhexanamide Derivatives as Potent Stereoselective Mitofusin Activators for the Treatment of Mitochondrial Diseases. Journal of Medicinal Chemistry, 2020, 63, 7033-7051.	6.4	30
11	The tethering function of mitofusin2 controls osteoclast differentiation by modulating the Ca2+â€“NFATc1 axis. Journal of Biological Chemistry, 2020, 295, 6629-6640.	3.4	22
12	Pharmacological inhibition of <scp>GRK2</scp> improves cardiac metabolism and function in experimental heart failure. ESC Heart Failure, 2020, 7, 1571-1584.	3.1	21
13	Reciprocal Regulation of Mitofusin 2-Mediated Mitophagy and Mitochondrial Fusion by Different PINK1 Phosphorylation Events. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	18
14	Pharmacophore-Based Design of Phenyl-[hydroxycyclohexyl] Cycloalkyl-Carboxamide Mitofusin Activators with Improved Neuronal Activity. Journal of Medicinal Chemistry, 2021, 64, 12506-12524.	6.4	9
15	G-protein receptor kinases 2, 5 and 6 redundantly modulate Smoothened-GATA transcriptional crosstalk in fetal mouse hearts. Journal of Molecular and Cellular Cardiology, 2018, 121, 60-68.	1.9	7
16	Piperine Derivatives Enhance Fusion and Axonal Transport of Mitochondria by Activating Mitofusins. Chemistry, 2022, 4, 655-668.	2.2	5