

Maria Patron

List of Publications by Year in descending order

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11
papers

1,292
citations

840776

11
h-index

1281871

11
g-index

12
all docs

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docs citations

12
times ranked

2359
citing authors

#	ARTICLE	IF	CITATIONS
1	MICU1 and MICU2 Finely Tune the Mitochondrial Ca ²⁺ Uniporter by Exerting Opposite Effects on MCU Activity. <i>Molecular Cell</i> , 2014, 53, 726-737.	9.7	441
2	Structure and function of the mitochondrial calcium uniporter complex. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2006-2011.	4.1	154
3	The m-AAA Protease Associated with Neurodegeneration Limits MCU Activity in Mitochondria. <i>Molecular Cell</i> , 2016, 64, 148-162.	9.7	153
4	MICU3 is a tissue-specific enhancer of mitochondrial calcium uptake. <i>Cell Death and Differentiation</i> , 2019, 26, 179-195.	11.2	145
5	The Mitochondrial Calcium Uniporter (MCU): Molecular Identity and Physiological Roles. <i>Journal of Biological Chemistry</i> , 2013, 288, 10750-10758.	3.4	131
6	Withdrawal of Essential Amino Acids Increases Autophagy by a Pathway Involving Ca ²⁺ /Calmodulin-dependent Kinase Kinase- β^2 (CaMKK- β^2). <i>Journal of Biological Chemistry</i> , 2012, 287, 38625-38636.	3.4	103
7	m-AAA proteases, mitochondrial calcium homeostasis and neurodegeneration. <i>Cell Research</i> , 2018, 28, 296-306.	12.0	86
8	Molecules and roles of mitochondrial calcium signaling. <i>BioFactors</i> , 2011, 37, 219-227.	5.4	34
9	The Use of Aequorin and Its Variants for Ca ²⁺ Measurements. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.top066118.	0.3	18
10	Paralytic activity of lysophosphatidylcholine from saliva of the waterbug <i>Belostoma anurum</i> . <i>Journal of Experimental Biology</i> , 2010, 213, 3305-3310.	1.7	14
11	Using Targeted Variants of Aequorin to Measure Ca ²⁺ Levels in Intracellular Organelles. <i>Cold Spring Harbor Protocols</i> , 2014, 2014, pdb.prot072843.	0.3	12