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List of Publications by Year in descending order

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Version: 2024-02-01

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papers

6,743
citations

516710

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940533

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16
docs citations

16
times ranked

13719
citing authors

#	ARTICLE	IF	CITATIONS
1	EMRE is essential for mitochondrial calcium uniporter activity in a mouse model. JCI Insight, 2020, 5, .	5.0	44
2	Cyclophilin D-mediated regulation of the permeability transition pore is altered in mice lacking the mitochondrial calcium uniporter. Cardiovascular Research, 2019, 115, 385-394.	3.8	63
3	Broad AOX expression in a genetically tractable mouse model does not disturb normal physiology. DMM Disease Models and Mechanisms, 2017, 10, 163-171.	2.4	46
4	MICU1 Serves as a Molecular Gatekeeper to Prevent In Vivo Mitochondrial Calcium Overload. Cell Reports, 2016, 16, 1561-1573.	6.4	175
5	The multifaceted role of Nrf2 in mitochondrial function. Current Opinion in Toxicology, 2016, 1, 80-91.	5.0	275
6	The spatiotemporal regulation of the Keap1-Nrf2 pathway and its importance in cellular bioenergetics. Biochemical Society Transactions, 2015, 43, 602-610.	3.4	69
7	The Ins and Outs of Mitochondrial Calcium. Circulation Research, 2015, 116, 1810-1819.	4.5	214
8	Measuring In Vivo Mitophagy. Molecular Cell, 2015, 60, 685-696.	9.7	512
9	Assessment of cardiac function in mice lacking the mitochondrial calcium uniporter. Journal of Molecular and Cellular Cardiology, 2015, 85, 178-182.	1.9	106
10	Nrf2 regulates ROS production by mitochondria and NADPH oxidase. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 794-801.	2.4	444
11	Cellular mechanisms and physiological consequences of redox-dependent signalling. Nature Reviews Molecular Cell Biology, 2014, 15, 411-421.	37.0	1,597
12	Unresolved questions from the analysis of mice lacking MCU expression. Biochemical and Biophysical Research Communications, 2014, 449, 384-385.	2.1	93
13	Signalling properties of inorganic polyphosphate in the mammalian brain. Nature Communications, 2013, 4, 1362.	12.8	132
14	Nrf2 impacts cellular bioenergetics by controlling substrate availability for mitochondrial respiration. Biology Open, 2013, 2, 761-770.	1.2	346
15	PINK1/Parkin-mediated mitophagy is dependent on VDAC1 and p62/SQSTM1. Nature Cell Biology, 2010, 12, 119-131.	10.3	2,360
16	The PINK1/Parkin-mediated mitophagy is compromised by PD-associated mutations. Autophagy, 2010, 6, 871-878.	9.1	267