

Yasemin Sancak

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

3,714
citations

759233

12
h-index

940533

16
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22
all docs

22
docs citations

22
times ranked

3466
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative genomics identifies MCU as an essential component of the mitochondrial calcium uniporter. <i>Nature</i> , 2011, 476, 341-345.	27.8	1,596
2	EMRE Is an Essential Component of the Mitochondrial Calcium Uniporter Complex. <i>Science</i> , 2013, 342, 1379-1382.	12.6	537
3	MICU1 Controls Both the Threshold and Cooperative Activation of the Mitochondrial Ca ²⁺ Uniporter. <i>Cell Metabolism</i> , 2013, 17, 976-987.	16.2	397
4	MICU2, a Paralog of MICU1, Resides within the Mitochondrial Uniporter Complex to Regulate Calcium Handling. <i>PLoS ONE</i> , 2013, 8, e55785.	2.5	387
5	Architecture of the mitochondrial calcium uniporter. <i>Nature</i> , 2016, 533, 269-273.	27.8	256
6	MCU encodes the pore conducting mitochondrial calcium currents. <i>ELife</i> , 2013, 2, e00704.	6.0	156
7	Reconstitution of the mitochondrial calcium uniporter in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8985-8990.	7.1	136
8	MICU1 imparts the mitochondrial uniporter with the ability to discriminate between Ca ²⁺ and Mn ²⁺ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7960-E7969.	7.1	59
9	Cardiovascular homeostasis dependence on MICU2, a regulatory subunit of the mitochondrial calcium uniporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9096-E9104.	7.1	48
10	A Protective Role for Triacylglycerols during Apoptosis. <i>Biochemistry</i> , 2018, 57, 72-80.	2.5	43
11	Exploring the In Vivo Role of the Mitochondrial Calcium Uniporter in Brown Fat Bioenergetics. <i>Cell Reports</i> , 2019, 27, 1364-1375.e5.	6.4	31
12	The uniporter: From newly identified parts to function. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 370-372.	2.1	26
13	Mitochondrial calcium uniporter stabilization preserves energetic homeostasis during Complex I impairment. <i>Nature Communications</i> , 2022, 13, 2769.	12.8	17
14	A-kinase-anchoring protein 1 (dAKAP1)-based signaling complexes coordinate local protein synthesis at the mitochondrial surface. <i>Journal of Biological Chemistry</i> , 2020, 295, 10749-10765.	3.4	15
15	Evolutionary divergence reveals the molecular basis of EMRE dependence of the human MCU. <i>Life Science Alliance</i> , 2020, 3, e202000718.	2.8	5
16	The role of metabolism in cellular processes. <i>Molecular Biology of the Cell</i> , 2019, 30, 733-733.	2.1	1