Yasemin Sancak

List of Publications by Year
in descending order

16 papers	3,714 citations	759233 12 h-index	940533 16 g-index
22 all docs	22 docs citations	22 times ranked	3466 citing authors

#	Article	IF	Citations
1	Mitochondrial calcium uniporter stabilization preserves energetic homeostasis during Complex I impairment. Nature Communications, 2022, 13, 2769.	12.8	17
2	A-kinase-anchoring protein 1 (dAKAP1)-based signaling complexes coordinate local protein synthesis at the mitochondrial surface. Journal of Biological Chemistry, 2020, 295, 10749-10765.	3.4	15
3	Evolutionary divergence reveals the molecular basis of EMRE dependence of the human MCU. Life Science Alliance, 2020, 3, e202000718.	2.8	5
4	Exploring the InÂVivo Role of the Mitochondrial Calcium Uniporter in Brown Fat Bioenergetics. Cell Reports, 2019, 27, 1364-1375.e5.	6.4	31
5	The role of metabolism in cellular processes. Molecular Biology of the Cell, 2019, 30, 733-733.	2.1	1
6	A Protective Role for Triacylglycerols during Apoptosis. Biochemistry, 2018, 57, 72-80.	2.5	43
7	MICU1 imparts the mitochondrial uniporter with the ability to discriminate between Ca ²⁺ and Mn ²⁺. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7960-E7969.	7.1	59
8	Cardiovascular homeostasis dependence on MICU2, a regulatory subunit of the mitochondrial calcium uniporter. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9096-E9104.	7.1	48
9	Architecture of the mitochondrial calcium uniporter. Nature, 2016, 533, 269-273.	27.8	256
10	Reconstitution of the mitochondrial calcium uniporter in yeast. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8985-8990.	7.1	136
11	The uniporter: From newly identified parts to function. Biochemical and Biophysical Research Communications, 2014, 449, 370-372.	2.1	26
12	EMRE Is an Essential Component of the Mitochondrial Calcium Uniporter Complex. Science, 2013, 342, 1379-1382.	12.6	537
13	MICU1 Controls Both the Threshold and Cooperative Activation of the Mitochondrial Ca2+ Uniporter. Cell Metabolism, 2013, 17, 976-987.	16.2	397
14	MICU2, a Paralog of MICU1, Resides within the Mitochondrial Uniporter Complex to Regulate Calcium Handling. PLoS ONE, 2013, 8, e55785.	2.5	387
15	MCU encodes the pore conducting mitochondrial calcium currents. ELife, 2013, 2, e00704.	6.0	156
16	Integrative genomics identifies MCU as an essential component of the mitochondrial calcium uniporter. Nature, 2011, 476, 341-345.	27.8	1,596