

Loss-of-function mutations in MICU1 cause a brain and alterations in mitochondrial calcium signaling

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Calcium Uniporter MCU Supports Cytoplasmic Ca ²⁺ Oscillations, Store-Operated Ca ²⁺ Entry and Ca ²⁺ -Dependent Gene Expression in Response to Receptor Stimulation. <i>PLoS ONE</i> , 2014, 9, e101188.	1.1	85
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3	ANO10 mutations cause ataxia and coenzyme Q10 deficiency. <i>Journal of Neurology</i> , 2014, 261, 2192-2198.	1.8	74
4	Dysregulation of calcium homeostasis in muscular dystrophies. <i>Expert Reviews in Molecular Medicine</i> , 2014, 16, e16.	1.6	79
5	Reliance of ER ^{Ca} mitochondrial calcium signaling on mitochondrial EF-hand Ca ²⁺ binding proteins: Miros, MICUs, LETM1 and solute carriers. <i>Current Opinion in Cell Biology</i> , 2014, 29, 133-141.	2.6	42
6	Measuring Baseline Ca ²⁺ Levels in Subcellular Compartments Using Genetically Engineered Fluorescent Indicators. <i>Methods in Enzymology</i> , 2014, 543, 47-72.	0.4	17
7	The uniporter: From newly identified parts to function. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 370-372.	1.0	26
8	The elusive importance of being a mitochondrial Ca ²⁺ uniporter. <i>Cell Calcium</i> , 2014, 55, 139-145.	1.1	84
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123	Mitochondrial Division Inhibitor 1 (mdivi-1) Protects Neurons against Excitotoxicity through the Modulation of Mitochondrial Function and Intracellular Ca ²⁺ Signaling. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 3.	1.4	74
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132	Dysregulation of Mitochondrial Ca ²⁺ Uptake and Sarcolemma Repair Underlie Muscle Weakness and Wasting in Patients and Mice Lacking MICU1. <i>Cell Reports</i> , 2019, 29, 1274-1286.e6.	2.9	68
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