

Meagan J Mcmanus

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,769
citations

759055

12
h-index

996849

15
g-index

21
all docs

21
docs citations

21
times ranked

3569
citing authors

#	ARTICLE	IF	CITATIONS
1	An mtDNA mutant mouse demonstrates that mitochondrial deficiency can result in autism endophenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
2	The ADP/ATP translocase drives mitophagy independent of nucleotide exchange. <i>Nature</i> , 2019, 575, 375-379.	13.7	149
3	Mitochondrial DNA Variation Dictates Expressivity and Progression of Nuclear DNA Mutations Causing Cardiomyopathy. <i>Cell Metabolism</i> , 2019, 29, 78-90.e5.	7.2	53
4	Dissociation of JNK Activation from Elevated Levels of Reactive Oxygen Species, Cytochrome c Release, and Cell Death in NGF-Deprived Sympathetic Neurons. <i>Molecular Neurobiology</i> , 2018, 55, 382-389.	1.9	6
5	Mitochondrial energy deficiency leads to hyperproliferation of skeletal muscle mitochondria and enhanced insulin sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2705-2710.	3.3	73
6	An X-chromosome linked mouse model (Ndufa1 S55A) for systemic partial Complex I deficiency for studying predisposition to neurodegeneration and other diseases. <i>Neurochemistry International</i> , 2017, 109, 78-93.	1.9	7
7	Differential Mitochondrial Requirements for Radially and Non-radially Migrating Cortical Neurons: Implications for Mitochondrial Disorders. <i>Cell Reports</i> , 2016, 15, 229-237.	2.9	51
8	Mitochondrial Signaling and Neurodegeneration. , 2016, , 107-137.		6
9	Trans-mitochondrial coordination of cristae at regulated membrane junctions. <i>Nature Communications</i> , 2015, 6, 6259.	5.8	143
10	Mitochondrial DNA: The Heart of the Matter. <i>Biophysical Journal</i> , 2015, 108, 607a-608a.	0.2	0
11	Mitochondrial functions modulate neuroendocrine, metabolic, inflammatory, and transcriptional responses to acute psychological stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6614-23.	3.3	209
12	Mitochondria-derived reactive oxygen species mediate caspase-dependent and -independent neuronal deaths. <i>Molecular and Cellular Neurosciences</i> , 2014, 63, 13-23.	1.0	52
13	Acute exercise remodels mitochondrial membrane interactions in mouse skeletal muscle. <i>Journal of Applied Physiology</i> , 2013, 115, 1562-1571.	1.2	113
14	Mouse mtDNA mutant model of Leber hereditary optic neuropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20065-20070.	3.3	189
15	Heteroplasmy of Mouse mtDNA Is Genetically Unstable and Results in Altered Behavior and Cognition. <i>Cell</i> , 2012, 151, 333-343.	13.5	333
16	The Mitochondria-Targeted Antioxidant MitoQ Prevents Loss of Spatial Memory Retention and Early Neuropathology in a Transgenic Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2011, 31, 15703-15715.	1.7	354