

Mitochondrial fusion and fission in cell life and death

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Role of Drp1, a Key Mitochondrial Fission Protein, in Neuropathic Pain. <i>Journal of Neuroscience</i> , 2011, 31, 11404-11410.	1.7	79
2	Eukaryotic Cell-Cell Fusion Families. <i>Current Topics in Membranes</i> , 2011, 68, 209-234.	0.5	27
3	Tau Accumulation Causes Mitochondrial Distribution Deficits in Neurons in a Mouse Model of Tauopathy and in Human Alzheimer's Disease Brain. <i>American Journal of Pathology</i> , 2011, 179, 2071-2082.	1.9	224
4	SnapShot: Mitochondrial Quality Control. <i>Cell</i> , 2011, 147, 950-950.e1.	13.5	50
5	Mitochondria in Apoptosis: Bcl-2 Family Members and Mitochondrial Dynamics. <i>Developmental Cell</i> , 2011, 21, 92-101.	3.1	1,198
6	Mitofusin function is dependent on the distinct tissue and organ specific roles of mitochondria. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 881-882.	0.9	6
7	Coupling mitochondrial and cell division. <i>Nature Cell Biology</i> , 2011, 13, 1026-1027.	4.6	42
8	The Mitochondrial Electron Transport Chain Is Dispensable for Proliferation and Differentiation of Epidermal Progenitor Cells. <i>Stem Cells</i> , 2011, 29, 1459-1468.	1.4	51
9	Aurora Mitochondrialis Drives Fission during Mitosis. <i>Developmental Cell</i> , 2011, 21, 387-388.	3.1	1
10	Mitochondria in cancer: at the crossroads of life and death. <i>Chinese Journal of Cancer</i> , 2011, 30, 526-539.	4.9	116
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33	Notch signaling mediates p63-induced quiescence. <i>Cell Cycle</i> , 2011, 10, 3632-3633.	1.3	5
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800	Inhibition of Drp1 after traumatic brain injury provides brain protection and improves behavioral performance in rats. <i>Chemico-Biological Interactions</i> , 2019, 304, 173-185.	1.7	20
801	MitoQ ameliorates testis injury from oxidative attack by repairing mitochondria and promoting the Keap1-Nrf2 pathway. <i>Toxicology and Applied Pharmacology</i> , 2019, 370, 78-92.	1.3	46
802	DEHP triggers cerebral mitochondrial dysfunction and oxidative stress in quail (<i>Coturnix japonica</i>) via modulating mitochondrial dynamics and biogenesis and activating Nrf2-mediated defense response. <i>Chemosphere</i> , 2019, 224, 626-633.	4.2	70
803	Establishment and characterization of a radiation-induced dermatitis rat model. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3178-3189.	1.6	16
804	Gene expression patterns indicate that a high-fat-high-carbohydrate diet causes mitochondrial dysfunction in fish. <i>Genome</i> , 2019, 62, 53-67.	0.9	5
805	Broad spectrum metabolomics for detection of abnormal metabolic pathways in a mouse model for retinitis pigmentosa. <i>Experimental Eye Research</i> , 2019, 184, 135-145.	1.2	13
806	Metabolic switching in pluripotent stem cells reorganizes energy metabolism and subcellular organelles. <i>Experimental Cell Research</i> , 2019, 379, 55-64.	1.2	1
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810	H2 relaxin ameliorates angiotensin II-induced endothelial dysfunction through inhibition of excessive mitochondrial fission. <i>Biochemical and Biophysical Research Communications</i> , 2019, 512, 799-805.	1.0	3
811	Progress in understanding mitochondrial calcium uniporter complex-mediated calcium signalling: A potential target for cancer treatment. <i>British Journal of Pharmacology</i> , 2019, 176, 1190-1205.	2.7	43
812	Mitochondrial presequence import: Multiple regulatory knobs fine-tune mitochondrial biogenesis and homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 930-944.	1.9	30
813	Construction of the FRET Pairs for the Visualization of Mitochondria Membrane Potential in Dual Emission Colors. <i>Analytical Chemistry</i> , 2019, 91, 3704-3709.	3.2	23
814	New interfaces on MiD51 for Drp1 recruitment and regulation. <i>PLoS ONE</i> , 2019, 14, e0211459.	1.1	15
815	Resveratrol attenuates oxidative injury in human umbilical vein endothelial cells through regulating mitochondrial fusion via TyrRS-PARP1 pathway. <i>Nutrition and Metabolism</i> , 2019, 16, 9.	1.3	19
816	Reduced mitochondrial fusion and Huntingtin levels contribute to impaired dendritic maturation and behavioral deficits in <i>Fmr1</i> -mutant mice. <i>Nature Neuroscience</i> , 2019, 22, 386-400.	7.1	67

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818	The vicious circle between mitochondrial oxidative stress and dynamic abnormality mediates triethylene glycol dimethacrylate-induced preodontoblast apoptosis. <i>Free Radical Biology and Medicine</i> , 2019, 134, 644-656.	1.3	13
819	Early mitochondrial fragmentation is a potential inÂvitro biomarker of environmental stress. <i>Chemosphere</i> , 2019, 223, 577-587.	4.2	17
820	Bioenergetics for Hepatocyte Polarization: Coordination of Multiple Cellular Organelles and the Master Regulator AMPK. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2019, 29, 483-497.	0.4	3
821	Crosstalk Between Lipids and Mitochondria in Diabetic Kidney Disease. <i>Current Diabetes Reports</i> , 2019, 19, 144.	1.7	55
822	Optical Imaging Approaches to Investigating Radiation Resistance. <i>Frontiers in Oncology</i> , 2019, 9, 1152.	1.3	4
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826	Ergosterol reduction impairs mitochondrial DNA maintenance in <i>S. cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 290-303.	1.2	26
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