

Mitochondrial Energetics and Therapeutics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mitochondria, Bioenergetics, and the Epigenome in Eukaryotic and Human Evolution. Cold Spring Harbor Symposia on Quantitative Biology, 2009, 74, 383-393.	2.0	46
3	Modeling mitochondrial encephalomyopathy in Drosophila. Neurobiology of Disease, 2010, 40, 40-45.	2.1	13
4	Inhibition of Respiration Extends C. elegans Life Span via Reactive Oxygen Species that Increase HIF-1 Activity. Current Biology, 2010, 20, 2131-2136.	1.8	432
5	Mitochondrial DNA mutations in disease and aging. Environmental and Molecular Mutagenesis, 2010, 51, 440-450.	0.9	479
6	Bioenergetics and the epigenome: Interface between the environment and genes in common diseases. Developmental Disabilities Research Reviews, 2010, 16, 114-119.	2.9	57
7	Medical Comorbidities in Autism: Challenges to Diagnosis and Treatment. Neurotherapeutics, 2010, 7, 320-327.	2.1	306
8	Mitochondrial genotype in vulvar carcinoma - cuckoo in the nest. Journal of Biomedical Science, 2010, 17, 73.	2.6	13
9	Mitochondrial diseases and the role of the yeast models. FEMS Yeast Research, 2010, 10, 1006-1022.	1.1	40
10	Disease Variants of the Human Mitochondrial DNA Helicase Encoded by C10orf2 Differentially Alter Protein Stability, Nucleotide Hydrolysis, and Helicase Activity. Journal of Biological Chemistry, 2010, 285, 29690-29702.	1.6	45
11	Bioenergetics, the origins of complexity, and the ascent of man. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8947-8953.	3.3	113
12	Peroxisome Proliferator-Activated Receptors β Coactivator 1 α . American Journal of Respiratory and Critical Care Medicine, 2010, 182, 726-728.	2.5	4
13	Drugs and supplements that may slow aging of the epigenome. Drug Discovery Today: Therapeutic Strategies, 2010, 7, 57-64.	0.5	11
14	Inflammatory modulation of exercise salience: using hormesis to return to a healthy lifestyle. Nutrition and Metabolism, 2010, 7, 87.	1.3	25
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17	Association between mitochondrial DNA variations and Alzheimer's disease in the ADNI cohort. Neurobiology of Aging, 2010, 31, 1355-1363.	1.5	97
18	Toxicité mitochondriale et métabolique des médicaments: mécanismes et conséquences au niveau du foie. Reanimation: Journal De La Societe De Reanimation De Langue Francaise, 2010, 19, 552-567.	0.1	3
19	The epigenome and the mitochondrion: bioenergetics and the environment. Genes and Development, 2010, 24, 1571-1573.	2.7	42

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20	Mitochondrial Effects of Plant-Made Compounds. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 3039-3059.	2.5	26
21	Mitochondria and the Autophagy-Inflammation-Cell Death Axis in Organismal Aging. <i>Science</i> , 2011, 333, 1109-1112.	6.0	983
23	In Vivo Correction of COX Deficiency by Activation of the AMPK/PGC-1 β Axis. <i>Cell Metabolism</i> , 2011, 14, 80-90.	7.2	245
24	Mitochondrial DNA variation in human metabolic rate and energy expenditure. <i>Mitochondrion</i> , 2011, 11, 855-861.	1.6	50
25	Revisiting the TCA cycle: signaling to tumor formation. <i>Trends in Molecular Medicine</i> , 2011, 17, 641-649.	3.5	216
26	Drug-induced toxicity on mitochondria and lipid metabolism: Mechanistic diversity and deleterious consequences for the liver. <i>Journal of Hepatology</i> , 2011, 54, 773-794.	1.8	450
27	Mitochondrial dysfunction and pathophysiology of Charcot-Marie-Tooth disease involving GDAP1 mutations. <i>Experimental Neurology</i> , 2011, 227, 31-41.	2.0	83
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30	Mitochondrial Cholesterol: A Connection Between Caveolin, Metabolism, and Disease. <i>Traffic</i> , 2011, 12, 1483-1489.	1.3	45
31	Inventory control: cytochrome c oxidase assembly regulates mitochondrial translation. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 14-20.	16.1	182
32	DNA ligase III is critical for mtDNA integrity but not Xrcc1-mediated nuclear DNA repair. <i>Nature</i> , 2011, 471, 240-244.	13.7	160
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34	Caveolin-1 Deficiency Causes Cholesterol-Dependent Mitochondrial Dysfunction and Apoptotic Susceptibility. <i>Current Biology</i> , 2011, 21, 681-686.	1.8	175
35	A carbon monoxide-releasing molecule (CORM-3) uncouples mitochondrial respiration and modulates the production of reactive oxygen species. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1556-1564.	1.3	126
36	Assessing bioenergetic function in response to oxidative stress by metabolic profiling. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1621-1635.	1.3	372
37	Adenine nucleotide translocase 2 is a key mitochondrial protein in cancer metabolism. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 562-567.	0.5	143
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42	Hereditary spastic paraplegia-like disorder due to a mitochondrial ATP6 gene point mutation. <i>Mitochondrion</i> , 2011, 11, 70-75.	1.6	74
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45	The Mitochondrial Connection in Auditory Neuropathy. <i>Audiology and Neuro-Otology</i> , 2011, 16, 398-413.	0.6	20
46	TCA Cycle Defects and Cancer: When Metabolism Tunes Redox State. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-9.	1.0	133
47	mtDNA lineage analysis of mouse L-cell lines reveals the accumulation of multiple mtDNA mutants and intermolecular recombination. <i>Genes and Development</i> , 2012, 26, 384-394.	2.7	36
48	Changing the Diet to Make More Mitochondria and Protect the Heart. <i>Circulation Research</i> , 2012, 110, 1047-1048.	2.0	7
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54	Mitochondrial Roles and Cytoprotection in Chronic Liver Injury. <i>Biochemistry Research International</i> , 2012, 2012, 1-16.	1.5	111
55	The Ketogenic Diet as a Treatment Paradigm for Diverse Neurological Disorders. <i>Frontiers in Pharmacology</i> , 2012, 3, 59.	1.6	347
56	Complete loss of expression of the <i>ANT1</i> gene causing cardiomyopathy and myopathy. <i>Journal of Medical Genetics</i> , 2012, 49, 146-150.	1.5	64
57	Mitochondrial haplogroups associated with end-stage heart failure and coronary allograft vasculopathy in heart transplant patients. <i>European Heart Journal</i> , 2012, 33, 346-353.	1.0	22

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58	Mitochondria and Peripheral Neuropathies. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 1036-1046.	0.9	34
59	Nuclear Chromatin Factors Defining Mitochondrial Bioenergetics. <i>Oxidative Stress and Disease</i> , 2012, , 225-243.	0.3	0
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66	Diabetes: Have We Got It All Wrong?. <i>Diabetes Care</i> , 2012, 35, 2432-2437.	4.3	98
67	Mitochondrial DNA Sequence Variation and Risk of Pancreatic Cancer. <i>Cancer Research</i> , 2012, 72, 686-695.	0.4	55
68	Somatic Mitochondrial DNA Mutations in Human Cancers. <i>Advances in Clinical Chemistry</i> , 2012, 57, 99-138.	1.8	62
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72	Mitochondrial pharmacology. <i>Trends in Pharmacological Sciences</i> , 2012, 33, 341-352.	4.0	430
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75	Pharmacological targeting of mitochondrial complex I deficiency: The cellular level and beyond. <i>Mitochondrion</i> , 2012, 12, 57-65.	1.6	38

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77	Regulation of mitochondrial processes by protein S-nitrosylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 712-721.	1.1	123
78	Mitochondria: commanders of innate immunity and disease?. <i>Current Opinion in Immunology</i> , 2012, 24, 32-40.	2.4	84
79	Mitochondria and cancer. <i>Nature Reviews Cancer</i> , 2012, 12, 685-698.	12.8	1,829
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90	Mitochondrial Calcium Signalling: Role in Oxidative Phosphorylation Diseases. , 0, , .		1
91	Succinate Dehydrogenase of <i>Saccharomyces cerevisiae</i> â€“ The Unique Enzyme of TCA Cycle â€“ Current Knowledge and New Perspectives. , 0, , .		10
92	Cytochrome c Oxidase and Its Role in Neurodegeneration and Neuroprotection. <i>Advances in Experimental Medicine and Biology</i> , 2012, 748, 305-339.	0.8	54
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101	Drug-Induced Inhibition of Mitochondrial Fatty Acid Oxidation and Steatosis. <i>Current Pathobiology Reports</i> , 2013, 1, 147-157.	1.6	37
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124	Pharmacological approaches to restore mitochondrial function. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 465-483.	21.5	323
125	Metformin Synergistically Enhances Antitumor Activity of Histone Deacetylase Inhibitor Trichostatin A Against Osteosarcoma Cell Line. <i>DNA and Cell Biology</i> , 2013, 32, 156-164.	0.9	25
126	Neuroimaging in Mitochondrial Disorders. <i>Neurotherapeutics</i> , 2013, 10, 273-285.	2.1	59
127	Mitochondrial dysfunction in psychiatric and neurological diseases: Cause(s), consequence(s), and implications of antioxidant therapy. <i>BioFactors</i> , 2013, 39, 392-406.	2.6	56
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129	Hepatitis B Virus Disrupts Mitochondrial Dynamics: Induces Fission and Mitophagy to Attenuate Apoptosis. <i>PLoS Pathogens</i> , 2013, 9, e1003722.	2.1	232

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131	Severity of cardiomyopathy associated with adenine nucleotide translocator-1 deficiency correlates with mtDNA haplogroup. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3453-3458.	3.3	87
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133	Premature and accelerated aging: HIV or HAART?. <i>Frontiers in Genetics</i> , 2012, 3, 328.	1.1	96
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136	Dietary Effects on Epigenetics with Aging. , 2013, , 21-32.		1
137	Mitochondrial genome instability resulting from SUV3 haploinsufficiency leads to tumorigenesis and shortened lifespan. <i>Oncogene</i> , 2013, 32, 1193-1201.	2.6	37
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143	Dietary Acetate Supplementation Attenuates Neuroinflammation. <i>Advances in Neuroimmune Biology</i> , 2013, 4, 125-140.	0.7	1
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150	Alcohol Induced Mitochondrial Oxidative Stress and Alveolar Macrophage Dysfunction. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	51
151	Ketogenic Diet in Neuromuscular and Neurodegenerative Diseases. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	162
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156	Epileptic Focus and Alteration of Metabolism. <i>International Review of Neurobiology</i> , 2014, 114, 209-243.	0.9	21
157	Effect of Exercise on Oxidative Stress in Neurological Disorders. , 2014, , 287-327.		1
158	Dietary Restriction, Dietary Design and the Epigenetics of Aging and Longevity. <i>Healthy Ageing and Longevity</i> , 2014, , 29-47.	0.2	0
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161	mtDNA mutations in human aging and longevity: Controversies and new perspectives opened by high-throughput technologies. <i>Experimental Gerontology</i> , 2014, 56, 234-244.	1.2	39
162	Mitochondria and arrhythmias. <i>Free Radical Biology and Medicine</i> , 2014, 71, 351-361.	1.3	93
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164	Turn up the power â€“ pharmacological activation of mitochondrial biogenesis in mouse models. <i>British Journal of Pharmacology</i> , 2014, 171, 1818-1836.	2.7	110
165	Mitochondria in Cancer. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 127, 211-227.	0.9	31

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