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Reducing mitochondrial decay with mitochondrial nutrients to delay and treat cognitive dysfunction, Alzheimerts disease, and Parkinsonts disease

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116	(R)-alpha-lipoic acid protects retinal pigment epithelial cells from oxidative damage. 2005 , 46, 4302-10		68
115	Potential clinical applications using stem cells derived from human umbilical cord blood. 2006 , 13, 562-	72	18
114	Malonaldehyde acts as a mitochondrial toxin: Inhibitory effects on respiratory function and enzyme activities in isolated rat liver mitochondria. 2006 , 79, 1466-72		65
113	Potential biomarkers for ischemic heart damage identified in mitochondrial proteins by comparative proteomics. 2006 , 6, 1237-49		84
112	Chronic systemic D-galactose exposure induces memory loss, neurodegeneration, and oxidative damage in mice: protective effects of R-alpha-lipoic acid. 2006 , 84, 647-54		197
111	The kinetics of inhibition of human acetylcholinesterase and butyrylcholinesterase by two series of novel carbamates. 2007 , 71, 1610-7		50
110	Neurite degeneration induced by heme deficiency mediated via inhibition of NMDA receptor-dependent extracellular signal-regulated kinase 1/2 activation. 2007 , 27, 8475-85		35
109	Oxidative stress: a bridge between Down's syndrome and Alzheimer's disease. 2007, 28, 648-76		101
108	Melatonin and the aging brain. 2007 , 50, 571-80		39
107	Acrolein, a toxicant in cigarette smoke, causes oxidative damage and mitochondrial dysfunction in RPE cells: protection by (R)-alpha-lipoic acid. 2007 , 48, 339-48		132
106	Hydroxytyrosol protects retinal pigment epithelial cells from acrolein-induced oxidative stress and mitochondrial dysfunction. 2007 , 103, 2690-700		59
105	Complex disease-associated pharmacogenetics: drug efficacy, drug safety, and confirmation of a pathogenetic hypothesis (Alzheimer's disease). 2007 , 7, 10-28		88
104	Theoretical paper: exploring overlooked natural mitochondria-rejuvenative intervention: the puzzle of bowhead whales and naked mole rats. 2007 , 10, 543-60		11
103	R-alpha-lipoic acid and acetyl-L-carnitine complementarily promote mitochondrial biogenesis in murine 3T3-L1 adipocytes. 2008 , 51, 165-74		77
102	D-galactose toxicity in mice is associated with mitochondrial dysfunction: protecting effects of mitochondrial nutrient R-alpha-lipoic acid. 2007 , 8, 373-81		57
101	Nutrition and the risk for Parkinson's disease: review of the literature. 2008, 115, 703-13		15
100	High doses of nicotinamide prevent oxidative mitochondrial dysfunction in a cellular model and improve motor deficit in a Drosophila model of Parkinson's disease. 2008, 86, 2083-90		51

(2009-2008)

99	Protective effects of R-alpha-lipoic acid and acetyl-L-carnitine in MIN6 and isolated rat islet cells chronically exposed to oleic acid. 2008 , 104, 1232-43	23
98	The role of mitochondria in reactive oxygen species metabolism and signaling. 2008 , 1147, 37-52	518
97	Lipoamide protects retinal pigment epithelial cells from oxidative stress and mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 1465-74	42
96	Functional dynamic compartmentalization of respiratory chain intermediate substrates: implications for the control of energy production and mitochondrial diseases. 2008 , 40, 1543-54	58
95	Dynamin-like protein 1 reduction underlies mitochondrial morphology and distribution abnormalities in fibroblasts from sporadic Alzheimer's disease patients. 2008 , 173, 470-82	263
94	The effects of rivastigmine plus selegiline on brain acetylcholinesterase, (Na, K)-, Mg-ATPase activities, antioxidant status, and learning performance of aged rats. 2008 , 4, 687-99	17
93	Structural, chemical and biological aspects of antioxidants for strategies against metal and metalloid exposure. 2009 , 2, 191-206	352
92	The novel conserved mitochondrial inner-membrane protein MTGM regulates mitochondrial morphology and cell proliferation. 2009 , 122, 2252-62	38
91	Mitochondrial nutrients improve immune dysfunction in the type 2 diabetic Goto-Kakizaki rats. 2009 , 13, 701-11	50
90	Natural inspirations for antioxidant drug discovery. 2009 , 14, 910-2	3
89	Protective effects of asiatic acid on rotenone- or H2O2-induced injury in SH-SY5Y cells. 2009, 34, 746-54	61
88	Neuronal mitochondrial toxicity of malondialdehyde: inhibitory effects on respiratory function and enzyme activities in rat brain mitochondria. 2009 , 34, 786-94	62
87	Effect of carvedilol on behavioral, mitochondrial dysfunction, and oxidative damage against D-galactose induced senescence in mice. 2009 , 380, 431-41	47
86	Targeting mitochondrial biogenesis for preventing and treating insulin resistance in diabetes and obesity: Hope from natural mitochondrial nutrients. 2009 , 61, 1343-52	85
85	Mitochondria in the elderly: Is acetylcarnitine a rejuvenator?. 2009, 61, 1332-1342	68
84	Glutamine homeostasis and mitochondrial dynamics. 2009 , 41, 2051-61	107
83	Comparison of two methods for assaying complex I activity in mitochondria isolated from rat liver, brain and heart. 2009 , 85, 276-80	20
82	The neurovascular retina in retinopathy of prematurity. 2009 , 28, 452-82	104

81	Effects of age, dietary, and behavioral enrichment on brain mitochondria in a canine model of human aging. 2009 , 220, 171-6	59
80	Protective effect of lipoic acid against acrolein-induced cytotoxicity in IMR-90 human fibroblasts. 2009 , 55, 126-30	19
79	Ell ocopherol is an effective Phase II enzyme inducer: protective effects on acrolein-induced oxidative stress and mitochondrial dysfunction in human retinal pigment epithelial cells. 2010 , 21, 1222-31	90
78	Study of alpha-lipoic acid penetration in the human aqueous after topical administration. 2010 , 38, 572-6	6
77	Combined R-alpha-lipoic acid and acetyl-L-carnitine exerts efficient preventative effects in a cellular model of Parkinson's disease. 2010 , 14, 215-25	67
76	Hydroxytyrosol promotes mitochondrial biogenesis and mitochondrial function in 3T3-L1 adipocytes. 2010 , 21, 634-44	118
75	Inhibition of apoptosis in human retinal pigment epithelial cells treated with benzo(e)pyrene, a toxic component of cigarette smoke. 2010 , 51, 2601-7	30
74	Pyrroloquinoline quinone stimulates mitochondrial biogenesis through cAMP response element-binding protein phosphorylation and increased PGC-1alpha expression. 2010 , 285, 142-52	159
73	Endogenous antioxidants and radical scavengers. 2010 , 698, 52-67	81
72	Endurance exercise causes mitochondrial and oxidative stress in rat liver: effects of a combination of mitochondrial targeting nutrients. 2010 , 86, 39-44	63
71	Mitochondrial medicine for neurodegenerative diseases. 2010 , 42, 560-72	58
70	Synergistic anti-Parkinsonism activity of high doses of B vitamins in a chronic cellular model. 2010 , 31, 636-46	15
69	Bio-Farms for Nutraceuticals. 2010 ,	7
68	Rat liver mitochondrial proteome: changes associated with aging and acetyl-L-carnitine treatment. 2011 , 74, 2536-47	26
67	Lipoamide or lipoic acid stimulates mitochondrial biogenesis in 3T3-L1 adipocytes via the endothelial NO synthase-cGMP-protein kinase G signalling pathway. 2011 , 162, 1213-24	35
66	Effect of (R)-Elipoic acid supplementation on serum lipids and antioxidative ability in patients with age-related macular degeneration. 2012 , 60, 293-7	18
65	Mitochondrial Free Radicals, Antioxidants, Nutrient Substances, and Chronic Hepatitis C. 2012,	O
64	Protective effect of Elipoic acid on islet cells co-cultured with 3T3L1 adipocytes. 2012 , 4, 469-474	7

(2015-2012)

63	Asiatic acid, a pentacyclic triterpene in Centella asiatica, attenuates glutamate-induced cognitive deficits in mice and apoptosis in SH-SY5Y cells. 2012 , 33, 578-87	86
62	Cellular stress responses, hormetic phytochemicals and vitagenes in aging and longevity. 2012 , 1822, 753-83	286
61	Intermittent Hypoxia and Human Diseases. 2012 ,	11
60	Mitochondrial nutrients stimulate performance and mitochondrial biogenesis in exhaustively exercised rats. 2012 , 22, 764-75	25
59	Nutraceuticals and their preventive or potential therapeutic value in Parkinson's disease. 2012, 70, 373-86	52
58	Enhanced autophagy plays a cardinal role in mitochondrial dysfunction in type 2 diabetic Goto-Kakizaki (GK) rats: ameliorating effects of (-)-epigallocatechin-3-gallate. 2012 , 23, 716-24	86
57	Adaptive mechanisms of mitochondria in response to exercise. 2013 , 70, 1046-50	1
56	Mitochondrial free radical theory of aging: who moved my premise?. 2014 , 14, 740-9	18
55	Reloading functionally ameliorates disuse-induced muscle atrophy by reversing mitochondrial dysfunction, and similar benefits are gained by administering a combination of mitochondrial 7.8 nutrients. <i>Free Radical Biology and Medicine</i> , 2014 , 69, 116-28	38
54	D-galactose induces a mitochondrial complex I deficiency in mouse skeletal muscle: potential benefits of nutrient combination in ameliorating muscle impairment. 2014 , 17, 357-64	28
53	Tumor necrosis factor-Induced microvascular endothelial cell hyperpermeability: role of intrinsic apoptotic signaling. 2014 , 70, 971-80	10
52	Mitochondria as promising targets for nutritional interventions aiming to improve performance and longevity of sows. 2014 , 98, 809-21	13
51	Second-hand tobacco smoke and children. 2014 , 30, 635-44	13
50	cDNA microarray and bioinformatic analysis for the identification of key genes in Alzheimers disease. 2014 , 33, 457-61	5
49	Mitochondria-Targeted Protective Compounds in Parkinson's and Alzheimer's Diseases. 2015 , 2015, 408927	60
48	Neuroprotective effects of 5-(4-hydroxy-3-dimethoxybenzylidene)-thiazolidinone in MPTP induced Parkinsonism model in mice. 2015 , 93, 209-18	17
47	Enabling cytoplasmic delivery and organelle targeting by surface modification of nanocarriers. 2015 , 10, 1923-40	52
46	Diet, nutrients and metabolism: cogs in the wheel driving AlzheimerS disease pathology?. 2015 , 113, 1499-517	21

45	Quercetin protects against aluminium induced oxidative stress and promotes mitochondrial biogenesis via activation of the PGC-1 gnaling pathway. 2015 , 51, 116-37	47
44	Endogenous Antioxidants: A Review of their Role in Oxidative Stress. 2016 ,	16
43	Mitochondrial dysfunction precedes depression of AMPK/AKT signaling in insulin resistance induced by high glucose in primary cortical neurons. 2016 , 137, 701-13	48
42	Coral calcium hydride prevents hepatic steatosis in high fat diet-induced obese rats: A potent mitochondrial nutrient and phase II enzyme inducer. 2016 , 103, 85-97	17
41	Mitochondrial Dysfunction Launches Dexamethasone-Induced Skeletal Muscle Atrophy via AMPK/FOXO3 Signaling. 2016 , 13, 73-84	60
40	Mitochondrial Quality Control as a Therapeutic Target. 2016 , 68, 20-48	161
39	A Placebo-Controlled Trial of Riboflavin for Enhancement of Ultramarathon Recovery. 2017, 3, 14	7
38	Wilson disease: At the crossroads between genetics and epigenetics-A review of the evidence. 2017 , 1, 121-130	18
37	Dietary supplementation with acetyl-l-carnitine counteracts age-related alterations of mitochondrial biogenesis, dynamics and antioxidant defenses in brain of old rats. 2017 , 98, 99-109	23
36	Transcranial low-level laser therapy improves brain mitochondrial function and cognitive impairment in D-galactose-induced aging mice. 2017 , 58, 140-150	64
35	The critical role of epigallocatechin gallate in regulating mitochondrial metabolism. 2018, 10, 795-809	18
34	Our (MotherS) Mitochondria and Our Mind. 2018, 13, 88-100	25
33	Benfotiamine, a Lipid-Soluble Analog of Vitamin B, Improves the Mitochondrial Biogenesis and Function in Blunt Snout Bream () Fed High-Carbohydrate Diets by Promoting the AMPK/PGC-1/NRF-1 Axis. 2018 , 9, 1079	7
32	Geraniol Protects Against the Protein and Oxidative Stress Induced by Rotenone in an In Vitro Model of Parkinson's Disease. 2018 , 43, 1947-1962	23
31	Antioxidation and memory protection effects of solid-state-fermented rapeseed meal peptides on D-galactose-induced memory impairment in aging-mice. 2019 , 42, e13145	7
30	Diet and Nutrition, and their Influence on AlzheimerS Disease and other Neurodegenerative Diseases. 2019 , 117-147	
29	Nutritional Regulation of Mitochondrial Function. 2019 , 93-126	4
28	Carnitine and chromium co-supplementation affects mental health, hormonal, inflammatory, genetic, and oxidative stress parameters in women with polycystic ovary syndrome. 2019 , 1-9	11

27	Aging-Related Disorders and Mitochondrial Dysfunction: A Critical Review for Prospect Mitoprotective Strategies Based on Mitochondrial Nutrient Mixtures. 2020 , 21,	11
26	Nutrients and Nutraceuticals for Active & Healthy Ageing. 2020 ,	
25	Hydroxytyrosol Attenuates Hepatic Fat Accumulation via Activating Mitochondrial Biogenesis and Autophagy through the AMPK Pathway. 2020 , 68, 9377-9386	13
24	Proanthocyanidins Ameliorated Deficits of Lipid Metabolism in Type 2 Diabetes Mellitus Via Inhibiting Adipogenesis and Improving Mitochondrial Function. 2020 , 21,	12
23	Central and Peripheral Metabolic Defects Contribute to the Pathogenesis of Alzheimer's Disease: Targeting Mitochondria for Diagnosis and Prevention. 2020 , 32, 1188-1236	27
22	Mitoprotective Clinical Strategies in Type 2 Diabetes and Fanconi Anemia Patients: Suggestions for Clinical Management of Mitochondrial Dysfunction. <i>Antioxidants</i> , 2020 , 9,	4
21	Quantitative Mitochondrial Proteomics Reveals ANXA7 as a Crucial Factor in Mitophagy. 2020 , 19, 1275-1284	4
20	Exploring the role of mitochondrial proteins as molecular target in Alzheimer's disease. 2021, 56, 62-72	4
19	Benefit of a single simulated hypobaric hypoxia in healthy mice performance and analysis of mitochondria-related gene changes. 2021 , 11, 4494	2
18	Melatonin, Oxidative Stress, and the Aging Brain. 2010 , 339-357	2
17	Physical exercise regulates p53 activity targeting SCO2 and increases mitochondrial COX biogenesis in cardiac muscle with age. <i>PLoS ONE</i> , 2011 , 6, e21140	25
16	Supplementation with Elipoic acid, CoQ10, and vitamin E augments running performance and mitochondrial function in female mice. <i>PLoS ONE</i> , 2013 , 8, e60722	30
15	Lipoamide Acts as an Indirect Antioxidant by Simultaneously Stimulating Mitochondrial Biogenesis and Phase II Antioxidant Enzyme Systems in ARPE-19 Cells. <i>PLoS ONE</i> , 2015 , 10, e0128502	20
14	Mitochondrial biogenesis: regulation by endogenous gases during inflammation and organ stress. *Current Pharmaceutical Design, 2014, 20, 5653-62* 3-3	29
13	Mitoepigenetics: An intriguing regulatory layer in aging and metabolic-related diseases. <i>Free Radical Biology and Medicine</i> , 2021 , 177, 337-346	1
12	Molecular Theories of Aging and Nutritional Interventions. <i>Nutrition and Disease Prevention</i> , 2007 , 11-28	
11	Intermittent Hypoxia and Health: From Evolutionary Aspects to Mitochondria Rejuvenation. 2012, 253-269	2
10	Autoxidation of Plasma Lipids, Generation of Bioactive Products, and Their Biological Relevance. 2015 , 277-348	

9	Preventive and Risk Factors of Canine Dementia. 2017 , 145-154		1	
8	Mitigating the pro-oxidant state and melanogenesis of Retinitis pigmentosa: by counteracting mitochondrial dysfunction. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7491-7503	10.3	1	
7	IFMNT NIBLETS Nutrition Assessment Differential. 2020, 123-133			
6	Nutrients and Nutraceuticals in Aging. 2020 , 63-109		2	
5	Chapter 5. Lipidomics and Metabolomics of Dietary Lipid Peroxidation. <i>RSC Food Analysis Monographs</i> , 102-162		1	
4	Protective effects of lipoic acid on chrysene-induced toxicity on Mller cells in vitro. <i>Molecular Vision</i> , 2013 , 19, 25-38	2.3	5	
3	Hydroxytyrosol Promotes the Mitochondrial Function through Activating Mitophagy. <i>Antioxidants</i> , 2022 , 11, 893	7.1	0	
2	Role of Mitochondria in Retinal Pigment Epithelial Aging and Degeneration. Frontiers in Aging, 3,	2.5	2	
1	Acetyl-L-carnitine can slow the progression from prefrailty to frailty in older subjects. A randomized interventional clinical trial. 2022 , 28,		0	