

CITATION REPORT

List of articles citing

PGC-1 β controls mitochondrial biogenesis and dynamics in lead-induced neurotoxicity

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#	Paper	IF	Citations
71	Tissue Specific Impacts of a Ketogenic Diet on Mitochondrial Dynamics in the BTBR Mouse. <i>Frontiers in Physiology</i> , 2016 , 7, 654	4.6	20
70	Thyroid Hormones Enhance Mitochondrial Function in Human Epidermis. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 2003-2012	4.3	18
69	Mitochondria Initiate and Regulate Sarcopenia. <i>Exercise and Sport Sciences Reviews</i> , 2017 , 45, 58-69	6.7	56
68	Effects of acute hyperinsulinemia on skeletal muscle mitochondrial function, reactive oxygen species production, and metabolism in premenopausal women. <i>Metabolism: Clinical and Experimental</i> , 2017 , 77, 1-12	12.7	5
67	Mitochondrial Biogenesis in Response to Chromium (VI) Toxicity in Human Liver Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
66	Pharmacological Activation of Mitochondrial Biogenesis for the Treatment of Various Pathologies. 2018 , 569-592		
65	The Endoplasmic Reticulum Stress Response in Neuroprogressive Diseases: Emerging Pathophysiological Role and Translational Implications. <i>Molecular Neurobiology</i> , 2018 , 55, 8765-8787	6.2	42
64	Overview of Approaches to Mitochondrial Disease Therapy. <i>FIRE Forum for International Research in Education</i> , 2018 , 6, 232640981775296	1.4	4
63	Human Dendritic Cell Subsets Undergo Distinct Metabolic Reprogramming for Immune Response. <i>Frontiers in Immunology</i> , 2018 , 9, 2489	8.4	45
62	Biological Implications of Differential Expression of Mitochondrial-Shaping Proteins in Parkinson's Disease. <i>Antioxidants</i> , 2017 , 7,	7.1	62
61	Dysfunction of cortical synapse-specific mitochondria in developing rats exposed to lead and its amelioration by ascorbate supplementation. <i>Neuropsychiatric Disease and Treatment</i> , 2018 , 14, 813-824	3.1	10
60	Role of PGC-1 α in Mitochondrial Quality Control in Neurodegenerative Diseases. <i>Neurochemical Research</i> , 2019 , 44, 2031-2043	4.6	13
59	Baicalin ameliorates oxidative stress and apoptosis by restoring mitochondrial dynamics in the spleen of chickens via the opposite modulation of NF- κ B and Nrf2/HO-1 signaling pathway during <i>Mycoplasma gallisepticum</i> infection. <i>Poultry Science</i> , 2019 , 98, 6296-6310	3.9	43
58	Proximal Tubule α -Adrenergic Receptor Mediates Formoterol-Induced Recovery of Mitochondrial and Renal Function after Ischemia-Reperfusion Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 369, 173-180	4.7	15
57	Oxidative Stress in Neurodegenerative Diseases: From a Mitochondrial Point of View. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 2105607	6.7	196
56	Role of GTPases in the regulation of mitochondrial dynamics in Parkinson's disease. <i>Experimental Cell Research</i> , 2019 , 382, 111460	4.2	3
55	Polycystin 2 regulates mitochondrial Ca signaling, bioenergetics, and dynamics through mitofusin 2. <i>Science Signaling</i> , 2019 , 12,	8.8	44

54	Telomere and its role in the aging pathways: telomere shortening, cell senescence and mitochondria dysfunction. <i>Biogerontology</i> , 2019 , 20, 1-16	4.5	76
53	Exercise Effects on Mitochondrial Function and Lipid Metabolism during Energy Balance. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 827-834	1.2	3
52	Ammonia inhalation impaired immune function and mitochondrial integrity in the broilers bursa of fabricius: Implication of oxidative stress and apoptosis. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 190, 110078	7	40
51	The effect of ammonia exposure on energy metabolism and mitochondrial dynamic proteins in chicken thymus: Through oxidative stress, apoptosis, and autophagy. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111413	7	39
50	Activation of TNFR1 and TLR4 following oxygen glucose deprivation promotes mitochondrial fission in C6 astroglial cells. <i>Cellular Signalling</i> , 2020 , 75, 109714	4.9	2
49	Lead exposure induces metabolic reprogramming in rat models. <i>Toxicology Letters</i> , 2020 , 335, 11-27	4.4	8
48	Targeting Mitochondrial Network Architecture in Down Syndrome and Aging. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
47	Aberrant Mitochondrial Morphology and Function in the BTBR Mouse Model of Autism Is Improved by Two Weeks of Ketogenic Diet. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
46	Perillyl Alcohol Mitigates Behavioural Changes and Limits Cell Death and Mitochondrial Changes in Unilateral 6-OHDA Lesion Model of Parkinson's Disease Through Alleviation of Oxidative Stress. <i>Neurotoxicity Research</i> , 2020 , 38, 461-477	4.3	7
45	Epigenetic alteration of mitochondrial biogenesis regulatory genes in arsenic exposed individuals (with and without skin lesions) and in skin cancer tissues: A case control study. <i>Chemosphere</i> , 2020 , 258, 127305	8.4	12
44	Thrombospondin-1 mediates Drp-1 signaling following ischemia reperfusion in the aging heart. <i>FASEB BioAdvances</i> , 2020 , 2, 304-314	2.8	5
43	Metformin alleviates lead-induced mitochondrial fragmentation via AMPK/Nrf2 activation in SH-SY5Y cells. <i>Redox Biology</i> , 2020 , 36, 101626	11.3	26
42	Induced Ketosis as a Treatment for Neuroprogressive Disorders: Food for Thought?. <i>International Journal of Neuropsychopharmacology</i> , 2020 , 23, 366-384	5.8	12
41	Cognitive Impairment Induced by Lead Exposure during Lifespan: Mechanisms of Lead Neurotoxicity. <i>Toxics</i> , 2021 , 9,	4.7	27
40	Associations of blood lead levels with multiple genotoxic biomarkers among workers in China: A population-based study. <i>Environmental Pollution</i> , 2020 , 273, 116181	9.3	3
39	Adrenergic receptor agonism as a therapeutic strategy for kidney disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R575-R587	3.2	0
38	Pioglitazone Inhibits Diabetes-Induced Atrial Mitochondrial Oxidative Stress and Improves Mitochondrial Biogenesis, Dynamics, and Function Through the PPAR- γ /PGC-1 β Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2021 , 12, 658362	5.6	9
37	Cardiac abnormalities after induction of endoplasmic reticulum stress are associated with mitochondrial dysfunction and connexin43 expression. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021 , 48, 1371-1381	3	1

36	BAP31: Physiological functions and roles in disease. <i>Biochimie</i> , 2021 , 186, 105-129	4.6	5
35	Pharmacological inhibition of mitochondrial fission attenuates oxidative stress-induced damage of retinal pigmented epithelial cells. <i>Journal of Pharmacological Sciences</i> , 2021 , 146, 149-159	3.7	1
34	The Alterations in Mitochondrial Dynamics Following Cerebral Ischemia/Reperfusion Injury. <i>Antioxidants</i> , 2021 , 10,	7.1	8
33	The epigenetic mechanisms involved in mitochondrial dysfunction: Implication for Parkinson's disease. <i>Brain Pathology</i> , 2021 , e13012	6	0
32	Pb induced mitochondrial fission of fibroblast cells via ATM activation. <i>Journal of Hazardous Materials</i> , 2021 , 416, 126177	12.8	2
31	Deciphering the role of PGC-1 α in neurological disorders: from mitochondrial dysfunction to synaptic failure. <i>Neural Regeneration Research</i> , 2022 , 17, 237-245	4.5	0
30	The molecular biomarkers of vascular aging and atherosclerosis: telomere length and mitochondrial DNA common deletion. <i>Mutation Research - Reviews in Mutation Research</i> , 2020 , 784, 108309	7	7
29	Adult Conditional Knockout of PGC-1 α Leads to Loss of Dopamine Neurons. <i>ENeuro</i> , 2016 , 3,	3.9	61
28	Exploration of age-related mitochondrial dysfunction and the anti-aging effects of resveratrol in zebrafish retina. <i>Aging</i> , 2019 , 11, 3117-3137	5.6	50
27	Beneficial effects of PGC-1 α in the substantia nigra of a mouse model of MPTP-induced dopaminergic neurotoxicity. <i>Aging</i> , 2019 , 11, 8937-8950	5.6	8
26	p53/PGC-1 α -mediated mitochondrial dysfunction promotes PC3 prostate cancer cell apoptosis. <i>Molecular Medicine Reports</i> , 2020 , 22, 155-164	2.9	6
25	Regulation of mitochondrial function and endoplasmic reticulum stress by nitric oxide in pluripotent stem cells. <i>World Journal of Stem Cells</i> , 2017 , 9, 26-36	5.6	5
24	Mitochondrial dynamics regulators: implications for therapeutic intervention in cancer. <i>Cell Biology and Toxicology</i> , 2021 , 1	7.4	2
23	Alleviating Effects of <i>Euphorbiae humifusae</i> L. Extract on the Neurotoxicity Induced by Lead. <i>Korean Journal of Clinical Laboratory Science</i> , 2018 , 50, 501-510	0.4	6
22	Mechanisms associated with the dysregulation of mitochondrial function due to lead exposure and possible implications on the development of Alzheimer's disease.. <i>BioMetals</i> , 2022 , 35, 1	3.4	0
21	Disrupted Mitochondrial Network Drives Deficits of Learning and Memory in a Mouse Model of Haploinsufficiency.. <i>Genes</i> , 2022 , 13,	4.2	0
20	Potential ameliorative effect of dietary quercetin against lead-induced oxidative stress, biochemical changes, and apoptosis in laying Japanese quails.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 231, 113200	7	2
19	Alpha-Lipoic Acid Attenuates MPTP/MPP-Induced Neurotoxicity: Roles of SIRT1-Dependent PGC-1 α Signaling Pathways.. <i>Neurotoxicity Research</i> , 2022 , 1	4.3	0

18	Mitochondrial targeted astaxanthin liposomes for myocardial ischemia-reperfusion injury based on oxidative stress.. <i>Journal of Biomaterials Applications</i> , 2022 , 8853282221087102	2.9	
17	p38 MAPK priming boosts VSMC proliferation and arteriogenesis by promoting PGC1 β dependent mitochondrial dynamics.. <i>Scientific Reports</i> , 2022 , 12, 5938	4.9	○
16	A New Insight into an Alternative Therapeutic Approach to Restore Redox Homeostasis and Functional Mitochondria in Neurodegenerative Diseases.. <i>Antioxidants</i> , 2021 , 11,	7.1	1
15	Protective Effects of Lespedeza bicolor Extract on B16/F10 Melanoma Cell Lines Damaged by Lead Acetate, Heavy Metal Compounds. <i>Korean Journal of Clinical Laboratory Science</i> , 2021 , 53, 363-370	0.4	
14	Image_1.TIF. 2018 ,		
13	Image_2.TIF. 2018 ,		
12	Image_3.TIF. 2018 ,		
11	Image_4.TIF. 2018 ,		
10	Image_5.TIF. 2018 ,		
9	Image_6.tif. 2018 ,		
8	Image_7.tif. 2018 ,		
7	Image_8.tif. 2018 ,		
6	Hepatoprotective Role of Carvedilol against Ischemic Hepatitis Associated with Acute Heart Failure via Targeting miRNA-17 and Mitochondrial Dynamics-Related Proteins: An In Vivo and In Silico Study. <i>Pharmaceuticals</i> , 2022 , 15, 832	5.2	○
5	Short- and long-term single and combined effects of microplastics and chromium on the freshwater water flea <i>Daphnia magna</i> . 2022 , 106348		○
4	Protective effect of N-acetyl cysteine on the mitochondrial dynamic imbalance in temporal lobe epilepsy: Possible role of mTOR. 2022 , 96, 102294		○
3	Cellular Uptake, Transport, and Organelle Response After Exposure to Microplastics and Nanoplastics: Current Knowledge and Perspectives for Environmental and Health Risks. 2022 , 260,		○
2	Unraveling the Peculiar Features of Mitochondrial Metabolism and Dynamics in Prostate Cancer. 2023 , 15, 1192		○
1	PGC1 β Mediates Mitochondrial Damage in the Liver by Inhibiting the Mitochondrial Respiratory Chain as a Non-cholinergic Mechanism of Repeated Low-Level Soman Exposure. 2023 , 46, 563-573		○

