Jiankang Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7758955/publications.pdf

Version: 2024-02-01

130	6,664	66343	71685
papers	citations	42 h-index	76 g-index

134	134	134	9554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exercise promotes angiogenesis by enhancing endothelial cell fatty acid utilization via liver-derived extracellular vesicle miR-122-5p. Journal of Sport and Health Science, 2022, 11, 495-508.	6.5	27
2	Post-translational modifications on mitochondrial metabolic enzymes in cancer. Free Radical Biology and Medicine, 2022, 179, 11-23.	2.9	20
3	Hepatic Suppression of Mitochondrial Complex II Assembly Drives Systemic Metabolic Benefits. Advanced Science, 2022, 9, e2105587.	11.2	10
4	A nascent protein labeling strategy disclosed mitochondrial proteomic responses in punicalagin intervened insulin resistance of HepG2 cells. Food and Function, 2022, 13, 1180-1191.	4.6	4
5	Mitochondrial homeostasis and redox status in cardiovascular diseases: Protective role of the vagal system. Free Radical Biology and Medicine, 2022, 178, 369-379.	2.9	5
6	Hydrogenâ€rich and hyperoxygenate saline inhibits lipopolysaccharideâ€induced lung injury through mediating <scp>NFâ€ºB</scp> / <scp>NLRP3</scp> signaling pathway in <scp>C57BL</scp> /6 mice. Environmental Toxicology, 2022, , .	4.0	5
7	Punicalagin Regulates Signaling Pathways in Inflammation-Associated Chronic Diseases. Antioxidants, 2022, 11, 29.	5.1	26
8	New Aptamer/MoS2/Ni-Fe LDH Photoelectric Sensor for Bisphenol A Determination. Nanomaterials, 2022, 12, 78.	4.1	5
9	Prostate-specific oncogene OTUD6A promotes prostatic tumorigenesis via deubiquitinating and stabilizing c-Myc. Cell Death and Differentiation, 2022, 29, 1730-1743.	11.2	18
10	Daphnetin ameliorates AÎ² pathogenesis via STAT3/GFAP signaling in an APP/PS1 double-transgenic mouse model of Alzheimerâ€™s disease. Pharmacological Research, 2022, 180, 106227.	7.1	11
11	Synaptotagmin-1 is a bidirectional Ca ²⁺ sensor for neuronal endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2111051119.	7.1	9
12	Cardiac disruption of SDHAF4-mediated mitochondrial complex II assembly promotes dilated cardiomyopathy. Nature Communications, 2022, 13, .	12.8	16
13	Hyperoside from Z. bungeanum leaves restores insulin secretion and mitochondrial function by regulating pancreatic cellular redox status in diabetic mice. Free Radical Biology and Medicine, 2021, 162, 412-422.	2.9	23
14	Skp2 dictates cell cycle-dependent metabolic oscillation between glycolysis and TCA cycle. Cell Research, 2021, 31, 80-93.	12.0	51
15	Pinitol attenuates LPSâ€induced pneumonia in experimental animals: Possible role via inhibition of the TLRâ€4 and NFâ€ºB/IÎºBÎ± signaling cascade pathway. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22622.	3.0	9
16	Omega-3 polyunsaturated fatty acids prevent obesity by improving tricarboxylic acid cycle homeostasis. Journal of Nutritional Biochemistry, 2021, 88, 108503.	4.2	26
17	Hydroxytyrosol Acetate Improves the Cognitive Function ofÂAPP/PS1 Transgenic Mice in ERÎ²â€dependent Manner. Molecular Nutrition and Food Research, 2021, 65, e2000797.	3.3	21
18	Neuroprotective and Preventative Effects of Molecular Hydrogen. Current Pharmaceutical Design, 2021, 27, 585-591.	1.9	8

#	Article	IF	Citations
19	LncRNA SAMMSON Mediates Adaptive Resistance to RAF Inhibition in BRAF-Mutant Melanoma Cells. Cancer Research, 2021, 81, 2918-2929.	0.9	16
20	Compartmentally scavenging hepatic oxidants through AMPK/SIRT3-PGC1Î± axis improves mitochondrial biogenesis and glucose catabolism. Free Radical Biology and Medicine, 2021, 168, 117-128.	2.9	26
21	Htd2 deficiency-associated suppression of Î±-lipoic acid production provokes mitochondrial dysfunction and insulin resistance in adipocytes. Redox Biology, 2021, 41, 101948.	9.0	11
22	Hypermethylation of Hepatic Mitochondrial ND6 Provokes Systemic Insulin Resistance. Advanced Science, 2021, 8, 2004507.	11.2	23
23	Regulation of IFN-Is by MEF2D Promotes Inflammatory Homeostasis in Microglia. Journal of Inflammation Research, 2021, Volume 14, 2851-2863.	3.5	6
24	Topological reorganizations of mitochondria isolated from rat brain after 72 hours of paradoxical sleep deprivation, revealed by electron cryo-tomography. American Journal of Physiology - Cell Physiology, 2021, 321, C17-C25.	4.6	7
25	Dynamic motions and architectural changes in DNA supramolecular aggregates visualized via transmission electron microscopy without liquid cells. Nanoscale, 2021, 13, 15928-15936.	5.6	0
26	Safflower leaf ameliorates cognitive impairment through moderating excessive astrocyte activation in APP/PS1 mice. Food and Function, 2021, 12, 11704-11716.	4.6	5
27	Mitoepigenetics: An intriguing regulatory layer in aging and metabolic-related diseases. Free Radical Biology and Medicine, 2021, 177, 337-346.	2.9	8
28	Integrative Analyses Reveal Tstd1 as a Potential Modulator of HDL Cholesterol and Mitochondrial Function in Mice. Cells, 2021, 10, 2976.	4.1	3
29	Chalcone-Derived Nrf2 Activator Protects Cognitive Function via Maintaining Neuronal Redox Status. Antioxidants, 2021, 10, 1811.	5.1	3
30	SOD3 Is Secreted by Adipocytes and Mitigates High-Fat Diet-Induced Obesity, Inflammation, and Insulin Resistance. Antioxidants and Redox Signaling, 2020, 32, 193-212.	5.4	11
31	Hydrogen gas protects against delayed encephalopathy after acute carbon monoxide poisoning in a rat model. Neurological Research, 2020, 42, 22-30.	1.3	9
32	Downregulation of the DNA 5-hydroxymethylcytosine is involved in mitochondrial dysfunction and neuronal impairment in high fat diet-induced diabetic mice. Free Radical Biology and Medicine, 2020, 148, 42-51.	2.9	15
33	Structure based modification of chalcone analogue activates Nrf2 in the human retinal pigment epithelial cell line ARPE-19. Free Radical Biology and Medicine, 2020, 148, 52-59.	2.9	11
34	Deubiquitinase OTUD6A promotes proliferation of cancer cells via regulating Drp1 stability and mitochondrial fission. Molecular Oncology, 2020, 14, 3169-3183.	4.6	22
35	Aster-B coordinates with Arf1 to regulate mitochondrial cholesterol transport. Molecular Metabolism, 2020, 42, 101055.	6.5	24
36	The functional analysis of Cullin 7 E3 ubiquitin ligases in cancer. Oncogenesis, 2020, 9, 98.	4.9	14

#	Article	IF	Citations
37	Fine particulate matter inhibits phagocytosis of macrophages by disturbing autophagy. FASEB Journal, 2020, 34, 16716-16735.	0.5	14
38	Punicalagin improves hepatic lipid metabolismviamodulation of oxidative stress and mitochondrial biogenesis in hyperlipidemic mice. Food and Function, 2020, 11, 9624-9633.	4.6	16
39	Punicalagin Activates AMPK/PGCâ€1Î±/Nrf2 Cascade in Mice: The Potential Protective Effect against Prenatal Stress. Molecular Nutrition and Food Research, 2020, 64, e2000312.	3.3	16
40	The COVID-19 pandemic and physical activity. Sports Medicine and Health Science, 2020, 2, 55-64.	2.0	354
41	Central and Peripheral Metabolic Defects Contribute to the Pathogenesis of Alzheimer's Disease: Targeting Mitochondria for Diagnosis and Prevention. Antioxidants and Redox Signaling, 2020, 32, 1188-1236.	5.4	61
42	High ratio of Ï‰-3/Ï‰-6 polyunsaturated fatty acids targets mTORC1 to prevent high-fat diet-induced metabolic syndrome and mitochondrial dysfunction in mice. Journal of Nutritional Biochemistry, 2020, 79, 108330.	4.2	27
43	Herba houttuyniae Extract Benefits Hyperlipidemic Mice via Activation of the AMPK/PGC-1Î±/Nrf2 Cascade. Nutrients, 2020, 12, 164.	4.1	15
44	Targeting SCF E3 Ligases for Cancer Therapies. Advances in Experimental Medicine and Biology, 2020, 1217, 123-146.	1.6	34
45	ATG7 regulates hepatic Akt phosphorylation through the câ€JUN/PTEN pathway in high fat dietâ€induced metabolic disorder. FASEB Journal, 2019, 33, 14296-14306.	0.5	6
46	Regulation of mitochondrial cristae remodelling by acetylcholine alleviates palmitate-induced cardiomyocyte hypertrophy. Free Radical Biology and Medicine, 2019, 145, 103-117.	2.9	20
47	Punicalagin attenuates endothelial dysfunction by activating FoxO1, a pivotal regulating switch of mitochondrial biogenesis. Free Radical Biology and Medicine, 2019, 135, 251-260.	2.9	31
48	Mutation signatures in germline mitochondrial genome provide insights into human mitochondrial evolution and disease. Human Genetics, 2019, 138, 613-624.	3.8	13
49	Autophagy Deficiency Leads to Impaired Antioxidant Defense via p62-FOXO1/3 Axis. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	16
50	L-Arabinose Elicits Gut-Derived Hydrogen Production and Ameliorates Metabolic Syndrome in C57BL/6J Mice on High-Fat-Diet. Nutrients, 2019, 11, 3054.	4.1	37
51	CPT1A/2-Mediated FAO Enhancementâ€"A Metabolic Target in Radioresistant Breast Cancer. Frontiers in Oncology, 2019, 9, 1201.	2.8	91
52	Regulation of DNA methylation and 2-OG/TET signaling by choline alleviated cardiac hypertrophy in spontaneously hypertensive rats. Journal of Molecular and Cellular Cardiology, 2019, 128, 26-37.	1.9	10
53	Transmembrane protein 215 promotes angiogenesis by maintaining endothelial cell survival. Journal of Cellular Physiology, 2019, 234, 9525-9534.	4.1	8
54	Proinflammatory macrophages impair skeletal muscle differentiation in obesity through secretion of tumor necrosis factorâ€Î± via sustained activation of p38 mitogenâ€activated protein kinase. Journal of Cellular Physiology, 2019, 234, 2566-2580.	4.1	19

#	Article	IF	Citations
55	Cornulin Is Induced in Psoriasis Lesions and Promotes Keratinocyte Proliferation via Phosphoinositide 3-Kinase/Akt Pathways. Journal of Investigative Dermatology, 2019, 139, 71-80.	0.7	44
56	Akt activation: A potential strategy to ameliorate insulin resistance. Diabetes Research and Clinical Practice, 2019, 156, 107092.	2.8	72
57	Hydrogen-rich water improves cognitive impairment gender-dependently in APP/PS1 mice without affecting Aî² clearance. Free Radical Research, 2018, 52, 1311-1322.	3.3	32
58	SIRT3/SOD2 maintains osteoblast differentiation and bone formation by regulating mitochondrial stress. Cell Death and Differentiation, 2018, 25, 229-240.	11.2	180
59	ERK-mediated phosphorylation regulates SOX10 sumoylation and targets expression in mutant BRAF melanoma. Nature Communications, 2018, 9, 28.	12.8	60
60	Mitochondria regulate cardiac contraction through ATP-dependent and independent mechanisms. Free Radical Research, 2018, 52, 1256-1265.	3.3	20
61	Yes-associated protein promotes the abnormal proliferation of psoriatic keratinocytes via an amphiregulin dependent pathway. Scientific Reports, 2018, 8, 14513.	3.3	28
62	Human Enteric Î±-Defensin 5 Promotes Shigella Infection by Enhancing Bacterial Adhesion and Invasion. Immunity, 2018, 48, 1233-1244.e6.	14.3	47
63	APR3 modulates oxidative stress and mitochondrial function in ARPEâ€19 cells. FASEB Journal, 2018, 32, 5851-5861.	0.5	5
64	C10orf99 contributes to the development of psoriasis by promoting the proliferation of keratinocytes. Scientific Reports, 2018, 8, 8590.	3.3	28
65	Early interleukin-6 enhances hepatic ketogenesis in APP/PSEN1dE9 mice via 3-hydroxy-3-methylglutary-CoA synthase 2 signaling activation by p38/nuclear factor ÎºB p65. Neurobiology of Aging, 2017, 56, 115-126.	3.1	8
66	Endogenously generated amyloid-Î² increases stiffness in human neuroblastoma cells. European Biophysics Journal, 2017, 46, 415-424.	2.2	4
67	Oleuropein improves mitochondrial function to attenuate oxidative stress by activating the Nrf2 pathway in the hypothalamic paraventricular nucleus of spontaneously hypertensive rats. Neuropharmacology, 2017, 113, 556-566.	4.1	73
68	A mix of apple pomace polysaccharide improves mitochondrial function and reduces oxidative stress in the liver of highâ€fat dietâ€induced obese mice. Molecular Nutrition and Food Research, 2017, 61, 1600433.	3.3	35
69	Combination of Î²-glucan and Morus alba L. Leaf Extract Promotes Metabolic Benefits in Mice Fed a High-Fat Diet. Nutrients, 2017, 9, 1110.	4.1	22
70	Molecular Mechanisms for the Coupling of Endocytosis to Exocytosis in Neurons. Frontiers in Molecular Neuroscience, 2017, 10, 47.	2.9	32
71	Neurodegenerative Disease Related Proteins Have Negative Effects on SNARE-Mediated Membrane Fusion in Pathological Confirmation. Frontiers in Molecular Neuroscience, 2017, 10, 66.	2.9	17
72	Oleuropein, unexpected benefits!. Oncotarget, 2017, 8, 17409-17409.	1.8	38

#	Article	IF	Citations
73	Allâ€trans retinoic acid protects against doxorubicinâ€induced cardiotoxicity by activating the ERK2 signalling pathway. British Journal of Pharmacology, 2016, 173, 357-371.	5.4	27
74	Punicalagin attenuates palmitateâ€induced lipotoxicity in HepG2 cells by activating the Keap1â€Nrf2 antioxidant defense system. Molecular Nutrition and Food Research, 2016, 60, 1139-1149.	3.3	69
75	Hydroxytyrosol mildly improve cognitive function independent of APP processing in APP/PS1 mice. Molecular Nutrition and Food Research, 2016, 60, 2331-2342.	3.3	65
76	Early inflammationâ€“associated factors blunt sterol regulatory elementâ€binding proteinsâ€1â€mediated lipogenesis in highâ€fat dietâ€fed APP_{SWE}/PSEN1dE9 mouse model of Alzheimer's disease. Journal of Neurochemistry, 2016, 136, 791-803.	3.9	8
77	Measuring Redox Status of Melanoma Cells. Methods in Molecular Biology, 2016, , 1.	0.9	6
78	Cdh1 regulates craniofacial development via APC-dependent ubiquitination and activation of Goosecoid. Cell Research, 2016, 26, 699-712.	12.0	25
79	Neuroprotective effects of methane-rich saline on experimental acute carbon monoxide toxicity. Journal of the Neurological Sciences, 2016, 369, 361-367.	0.6	26
80	Molecular Architecture of Contactin-associated Protein-like 2 (CNTNAP2) and Its Interaction with Contactin 2 (CNTN2). Journal of Biological Chemistry, 2016, 291, 24133-24147.	3.4	47
81	Intrinsic and membrane-facilitated Î±-synuclein oligomerization revealed by label-free detection through solid-state nanopores. Scientific Reports, 2016, 6, 20776.	3.3	62
82	The regulatory roles ofO-GlcNAcylation in mitochondrial homeostasis and metabolic syndrome. Free Radical Research, 2016, 50, 1080-1088.	3.3	33
83	SNARE-mediated membrane fusion in autophagy. Seminars in Cell and Developmental Biology, 2016, 60, 97-104.	5.0	101
84	Cdh1 inhibits WWP2-mediated ubiquitination of PTEN to suppress tumorigenesis in an APC-independent manner. Cell Discovery, 2016, 2, 15044.	6.7	33
85	Three-dimensional structural dynamics and fluctuations of DNA-nanogold conjugates by individual-particle electron tomography. Nature Communications, 2016, 7, 11083.	12.8	36
86	Pomegranate extract decreases oxidative stress and alleviates mitochondrial impairment by activating AMPK-Nrf2 in hypothalamic paraventricular nucleus of spontaneously hypertensive rats. Scientific Reports, 2016, 6, 34246.	3.3	49
87	Mitochondrial dysfunction precedes depression of <scp>AMPK</scp>/<scp>AKT</scp> signaling in insulin resistance induced by high glucose in primary cortical neurons. Journal of Neurochemistry, 2016, 137, 701-713.	3.9	65
88	Coral calcium hydride prevents hepatic steatosis in high fat diet-induced obese rats: A potent mitochondrial nutrient and phase II enzyme inducer. Biochemical Pharmacology, 2016, 103, 85-97.	4.4	27
89	Real-time tracking mitochondrial dynamic remodeling with two-photon phosphorescent iridium (III) complexes. Biomaterials, 2016, 83, 321-331.	11.4	66
90	O-GlcNAcase deficiency suppresses skeletal myogenesis and insulin sensitivity in mice through the modulation of mitochondrial homeostasis. Diabetologia, 2016, 59, 1287-1296.	6.3	38

#	Article	IF	Citations
91	Pomegranate extract and exercise provide additive benefits on improvement of immune function by inhibiting inflammation and oxidative stress in high-fat-diet-induced obesity in rats. Journal of Nutritional Biochemistry, 2016, 32, 20-28.	4.2	30
92	Mitochondrial Dysfunction Launches Dexamethasone-Induced Skeletal Muscle Atrophy via AMPK/FOXO3 Signaling. Molecular Pharmaceutics, 2016, 13, 73-84.	4.6	82
93	Phosphatase and tensin homologâ€induced putative kinase 1 and Parkin in diabetic heart: Role of mitophagy. Journal of Diabetes Investigation, 2015, 6, 250-255.	2.4	39
94	Punicalagin, an active component in pomegranate, ameliorates cardiac mitochondrial impairment in obese rats via AMPK activation. Scientific Reports, 2015, 5, 14014.	3.3	72
95	SIRT3 Enhances Glycolysis and Proliferation in SIRT3-Expressing Gastric Cancer Cells. PLoS ONE, 2015, 10, e0129834.	2.5	79
96	OM2, a Novel Oligomannuronate-Chromium(III) Complex, Promotes Mitochondrial Biogenesis and Lipid Metabolism in 3T3-L1 Adipocytes via the AMPK-PGC1Î± Pathway. PLoS ONE, 2015, 10, e0131930.	2.5	28
97	Hydroxytyrosol improves mitochondrial function and reduces oxidative stress in the brain of db/db mice: role of AMP-activated protein kinase activation. British Journal of Nutrition, 2015, 113, 1667-1676.	2.3	89
98	Maternal hydroxytyrosol administration improves neurogenesis and cognitive function in prenatally stressed offspring. Journal of Nutritional Biochemistry, 2015, 26, 190-199.	4.2	64
99	Mitochondrial JNK activation triggers autophagy and apoptosis and aggravates myocardial injury following ischemia/reperfusion. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 262-270.	3.8	66
100	Lipoamide Acts as an Indirect Antioxidant by Simultaneously Stimulating Mitochondrial Biogenesis and Phase II Antioxidant Enzyme Systems in ARPE-19 Cells. PLoS ONE, 2015, 10, e0128502.	2.5	28
101	Aging Leads to Elevation of O-GlcNAcylation and Disruption of Mitochondrial Homeostasis in Retina. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-11.	4.0	18
102	High-Fat-Diet-Induced Weight Gain Ameliorates Bone Loss without Exacerbating AÃŽÂ²PP Processing and Cognition in Female APP/PS1 Mice. Frontiers in Cellular Neuroscience, 2014, 8, 225.	3.7	22
103	A Signal Transduction Pathway from TGF-Î²1 to SKP2 via Akt1 and c-Myc and its Correlation with Progression in Human Melanoma. Journal of Investigative Dermatology, 2014, 134, 159-167.	0.7	42
104	Coexpression within Integrated Mitochondrial Pathways Reveals Different Networks in Normal and Chemically Treated Transcriptomes. International Journal of Genomics, 2014, 2014, 1-10.	1.6	4
105	Activation of Erk and p53 regulates copper oxide nanoparticle-induced cytotoxicity in keratinocytes and fibroblasts. International Journal of Nanomedicine, 2014, 9, 4763.	6.7	46
106	4-Methylene-2-octyl-5-oxotetrahydrofuran-3-carboxylic Acid (C75), an Inhibitor of Fatty-acid Synthase, Suppresses the Mitochondrial Fatty Acid Synthesis Pathway and Impairs Mitochondrial Function. Journal of Biological Chemistry, 2014, 289, 17184-17194.	3.4	33
107	Evidence for association of mitochondrial metabolism alteration with lipid accumulation in aging rats. Experimental Gerontology, 2014, 56, 3-12.	2.8	66
108	Mitochondrial Dysfunction in Obesity-Associated Nonalcoholic Fatty Liver Disease: The Protective Effects of Pomegranate with Its Active Component Punicalagin. Antioxidants and Redox Signaling, 2014, 21, 1557-1570.	5.4	104

#	Article	IF	Citations
109	Hydroxytyrosol prevents diet-induced metabolic syndrome and attenuates mitochondrial abnormalities in obese mice. Free Radical Biology and Medicine, 2014, 67, 396-407.	2.9	151
110	Reloading functionally ameliorates disuse-induced muscle atrophy by reversing mitochondrial dysfunction, and similar benefits are gained by administering a combination of mitochondrial nutrients. Free Radical Biology and Medicine, 2014, 69, 116-128.	2.9	44
111	AMPK activation prevents prenatal stress-induced cognitive impairment: Modulation of mitochondrial content and oxidative stress. Free Radical Biology and Medicine, 2014, 75, 156-166.	2.9	48
112	LL-37 attenuates inflammatory impairment via mTOR signaling-dependent mitochondrial protection. International Journal of Biochemistry and Cell Biology, 2014, 54, 26-35.	2.8	8
113	Acetylated FoxO1 mediates high-glucose induced autophagy in H9c2 cardiomyoblasts: Regulation by a polyphenol -(â˜)-epigallocatechin-3-gallate. Metabolism: Clinical and Experimental, 2014, 63, 1314-1323.	3.4	36
114	Hydroxytyrosol induces apoptosis in human colon cancer cells through ROS generation. Food and Function, 2014, 5, 1909-1914.	4.6	78
115	Compromised mitochondrial remodeling in compensatory hypertrophied myocardium of spontaneously hypertensive rat. Cardiovascular Pathology, 2014, 23, 101-106.	1.6	60
116	Overexpression of S100A7 Protects LPS-Induced Mitochondrial Dysfunction and Stimulates IL-6 and IL-8 in HaCaT Cells. PLoS ONE, 2014, 9, e92927.	2.5	11
117	Anticancer Effect of a Curcumin Derivative B63: ROS Production and Mitochondrial Dysfunction. Current Cancer Drug Targets, 2014, 14, 156-166.	1.6	36
118	A revolutionary approach for the cessation of smoking. Science China Life Sciences, 2010, 53, 631-632.	4.9	3
119	Targeting mitochondrial biogenesis for preventing and treating insulin resistance in diabetes and obesity: Hope from natural mitochondrial nutrientsâ˜†. Advanced Drug Delivery Reviews, 2009, 61, 1343-1352.	13.7	106
120	Malonaldehyde acts as a mitochondrial toxin: Inhibitory effects on respiratory function and enzyme activities in isolated rat liver mitochondria. Life Sciences, 2006, 79, 1466-1472.	4.3	83
121	Acrolein is a mitochondrial toxin: Effects on respiratory function and enzyme activities in isolated rat liver mitochondria. Mitochondrion, 2006, 6, 136-142.	3.4	110
122	Reducing mitochondrial decay with mitochondrial nutrients to delay and treat cognitive dysfunction, Alzheimer's disease, and Parkinson's disease. Nutritional Neuroscience, 2005, 8, 67-89.	3.1	123
123	Age-associated mitochondrial oxidative decay: Improvement of carnitine acetyltransferase substrate-binding affinity and activity in brain by feeding old rats acetyl-L- carnitine and/or R-Â-lipoic acid. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1876-1881.	7.1	246
124	Feeding acetyl-L-carnitine and lipoic acid to old rats significantly improves metabolic function while decreasing oxidative stress. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1870-1875.	7.1	295
125	Memory loss in old rats is associated with brain mitochondrial decay and RNA/DNA oxidation: Partial reversal by feeding acetyl- <scp>l</scp> -carnitine and/or R -î±-lipoic acid. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2356-2361.	7.1	480
126	Delaying Brain Mitochondrial Decay and Aging with Mitochondrial Antioxidants and Metabolites. Annals of the New York Academy of Sciences, 2002, 959, 133-166.	3.8	174

#	Article	IF	Citations
127	(R)â€Ì±â€Lipoic acidâ€supplemented old rats have improved mitochondrial function, decreased oxidative damage, and increased metabolic rate. FASEB Journal, 1999, 13, 411-418.	0.5	273
128	Stress, aging, and brain oxidative damage. Neurochemical Research, 1999, 24, 1479-1497.	3.3	164
129	Immobilization stress causes oxidative damage to lipid, protein, and DNA in the brain of rats. FASEB Journal, 1996, 10, 1532-1538.	0.5	334
130	Antioxidant Activity of Diethyldithiocarbamate. Free Radical Research, 1996, 24, 461-472.	3.3	60