Tianzheng Yu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7293611/publications.pdf

Version: 2024-02-01

29	2,424	567281 15	501196 28
papers	citations	h-index	g-index

29	29	29	3819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Increased production of reactive oxygen species in hyperglycemic conditions requires dynamic change of mitochondrial morphology. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2653-2658.	7.1	988
2	Mitochondrial fission mediates high glucose-induced cell death through elevated production of reactive oxygen species. Cardiovascular Research, 2008, 79, 341-351.	3.8	391
3	High-Glucose Stimulation Increases Reactive Oxygen Species Production Through the Calcium and Mitogen-Activated Protein Kinase-Mediated Activation of Mitochondrial Fission. Antioxidants and Redox Signaling, 2011, 14, 425-437.	5.4	228
4	Mitochondrial Dynamics in Diabetes. Antioxidants and Redox Signaling, 2011, 14, 439-457.	5.4	174
5	Regulation of mitochondrial fission and apoptosis by the mitochondrial outer membrane protein hFis1. Journal of Cell Science, 2005, 118, 4141-4151.	2.0	155
6	Decreasing mitochondrial fission diminishes vascular smooth muscle cell migration and ameliorates intimal hyperplasia. Cardiovascular Research, 2015, 106, 272-283.	3.8	86
7	Transgenic Control of Mitochondrial Fission Induces Mitochondrial Uncoupling and Relieves Diabetic Oxidative Stress. Diabetes, 2012, 61, 2093-2104.	0.6	76
8	Astaxanthin but not quercetin preserves mitochondrial integrity and function, ameliorates oxidative stress, and reduces heatâ€induced skeletal muscle injury. Journal of Cellular Physiology, 2019, 234, 13292-13302.	4.1	35
9	Curcumin induces concentrationâ€dependent alterations in mitochondrial function through ROS in C2C12 mouse myoblasts. Journal of Cellular Physiology, 2019, 234, 6371-6381.	4.1	35
10	Decreasing Mitochondrial Fission Prevents Cholestatic Liver Injury. Journal of Biological Chemistry, 2014, 289, 34074-34088.	3.4	34
11	Morphological control of mitochondrial bioenergetics. Frontiers in Bioscience - Landmark, 2015, 20, 229-246.	3.0	28
12	Role of dynaminâ€related protein 1â€mediated mitochondrial fission in resistance of mouse C2C12 myoblasts to heat injury. Journal of Physiology, 2016, 594, 7419-7433.	2.9	23
13	Mitochondrial fission contributes to heat-induced oxidative stress in skeletal muscle but not hyperthermia in mice. Life Sciences, 2018, 200, 6-14.	4.3	23
14	Curcumin Ameliorates Heat-Induced Injury through NADPH Oxidaseâ€“Dependent Redox Signaling and Mitochondrial Preservation in C2C12 Myoblasts and Mouse Skeletal Muscle. Journal of Nutrition, 2020, 150, 2257-2267.	2.9	19
15	Testosterone mediates hyperthermic response of mice to heat exposure. Life Sciences, 2018, 214, 34-40.	4.3	18
16	Updates in PTSD Animal Models Characterization. Methods in Molecular Biology, 2019, 2011, 331-344.	0.9	17
17	IL-18 binding protein (IL-18BP) as a novel radiation countermeasure after radiation exposure in mice. Scientific Reports, 2020, 10, 18674.	3.3	16
18	Acclimation of C2C12 myoblasts to physiological glucose concentrations for in vitro diabetes research. Life Sciences, 2018, 211, 238-244.	4.3	14

#	Article	IF	Citations
19	Glutamine depletion disrupts mitochondrial integrity and impairs C2C12 myoblast proliferation, differentiation, and the heat-shock response. Nutrition Research, 2020, 84, 42-52.	2.9	14
20	Genetic association of FKBP5 with PTSD in US service members deployed to Iraq and Afghanistan. Journal of Psychiatric Research, 2020, 122, 48-53.	3.1	13
21	Skeletal muscle mitochondrial fragmentation and impaired bioenergetics from nutrient overload are prevented by carbon monoxide. American Journal of Physiology - Cell Physiology, 2020, 319, C746-C756.	4.6	8
22	Astaxanthin Protects Against Heat-induced Mitochondrial Alterations in Mouse Hypothalamus. Neuroscience, 2021, 476, 12-20.	2.3	8
23	Mouse liver is more resistant than skeletal muscle to heat-induced apoptosis. Cell Stress and Chaperones, 2021, 26, 275-281.	2.9	6
24	<scp>l</scp>-Citrulline prevents heat-induced mitochondrial dysfunction and cell injury through nitric oxide-mediated Drp1 inhibition in mouse C2C12 myoblasts. British Journal of Nutrition, 2023, 129, 936-946.	2.3	6
25	Association between leukocyte telomere length and hostility in US army service members. Neuroscience Letters, 2019, 706, 24-29.	2.1	4
26	Carbon Monoxide and Exercise Prevents Dietâ€Induced Obesity and Metabolic Dysregulation Without Affecting Bone. Obesity, 2020, 28, 924-931.	3.0	2
27	Protective effects of dietary curcumin and astaxanthin against heat-induced ROS production and skeletal muscle injury in male and female C57BL/6J mice. Life Sciences, 2022, 288, 120160.	4.3	2
28	Involvement of p53 in the Responses of Cardiac Muscle Cells to Heat Shock Exposure and Heat Acclimation. Journal of Cardiovascular Translational Research, 2020, 13, 928-937.	2.4	1
29	The beneficial effects of lowâ€dose carbon monoxide and moderate intensity endurance exercise on metabolic and skeletal properties. FASEB Journal, 2018, 32, 719.9.	0.5	0