

# Tianzheng Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,424  
citations

567281

15  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3819  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | <scp>l</scp>-Citrulline prevents heat-induced mitochondrial dysfunction and cell injury through nitric oxide-mediated Drp1 inhibition in mouse C2C12 myoblasts. <i>British Journal of Nutrition</i> , 2023, 129, 936-946.    | 2.3 | 6         |
| 2  | Protective effects of dietary curcumin and astaxanthin against heat-induced ROS production and skeletal muscle injury in male and female C57BL/6J mice. <i>Life Sciences</i> , 2022, 288, 120160.                            | 4.3 | 2         |
| 3  | Mouse liver is more resistant than skeletal muscle to heat-induced apoptosis. <i>Cell Stress and Chaperones</i> , 2021, 26, 275-281.   | 2.9 | 6         |
| 4  | Astaxanthin Protects Against Heat-induced Mitochondrial Alterations in Mouse Hypothalamus. <i>Neuroscience</i> , 2021, 476, 12-20.   | 2.3 | 8         |
| 5  | Genetic association of FKBP5 with PTSD in US service members deployed to Iraq and Afghanistan. <i>Journal of Psychiatric Research</i> , 2020, 122, 48-53.  | 3.1 | 13        |
| 6  | Curcumin Ameliorates Heat-Induced Injury through NADPH Oxidase-Dependent Redox Signaling and Mitochondrial Preservation in C2C12 Myoblasts and Mouse Skeletal Muscle. <i>Journal of Nutrition</i> , 2020, 150, 2257-2267.    | 2.9 | 19        |
| 7  | IL-18 binding protein (IL-18BP) as a novel radiation countermeasure after radiation exposure in mice. <i>Scientific Reports</i> , 2020, 10, 18674.   | 3.3 | 16        |
| 8  | Glutamine depletion disrupts mitochondrial integrity and impairs C2C12 myoblast proliferation, differentiation, and the heat-shock response. <i>Nutrition Research</i> , 2020, 84, 42-52.                                    | 2.9 | 14        |
| 9  | Skeletal muscle mitochondrial fragmentation and impaired bioenergetics from nutrient overload are prevented by carbon monoxide. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C746-C756.              | 4.6 | 8         |
| 10 | Carbon Monoxide and Exercise Prevents Diet-Induced Obesity and Metabolic Dysregulation Without Affecting Bone. <i>Obesity</i> , 2020, 28, 924-931.   | 3.0 | 2         |
| 11 | Involvement of p53 in the Responses of Cardiac Muscle Cells to Heat Shock Exposure and Heat Acclimation. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 928-937.  | 2.4 | 1         |
| 12 | Updates in PTSD Animal Models Characterization. <i>Methods in Molecular Biology</i> , 2019, 2011, 331-344.   | 0.9 | 17        |
| 13 | Association between leukocyte telomere length and hostility in US army service members. <i>Neuroscience Letters</i> , 2019, 706, 24-29.  | 2.1 | 4         |
| 14 | Astaxanthin but not quercetin preserves mitochondrial integrity and function, ameliorates oxidative stress, and reduces heat-induced skeletal muscle injury. <i>Journal of Cellular Physiology</i> , 2019, 234, 13292-13302. | 4.1 | 35        |
| 15 | Curcumin induces concentration-dependent alterations in mitochondrial function through ROS in C2C12 mouse myoblasts. <i>Journal of Cellular Physiology</i> , 2019, 234, 6371-6381.   | 4.1 | 35        |
| 16 | Mitochondrial fission contributes to heat-induced oxidative stress in skeletal muscle but not hyperthermia in mice. <i>Life Sciences</i> , 2018, 200, 6-14.  | 4.3 | 23        |
| 17 | Testosterone mediates hyperthermic response of mice to heat exposure. <i>Life Sciences</i> , 2018, 214, 34-40.   | 4.3 | 18        |
| 18 | Acclimation of C2C12 myoblasts to physiological glucose concentrations for in vitro diabetes research. <i>Life Sciences</i> , 2018, 211, 238-244.  | 4.3 | 14        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | The beneficial effects of low-dose carbon monoxide and moderate intensity endurance exercise on metabolic and skeletal properties. <i>FASEB Journal</i> , 2018, 32, 719.9.  | 0.5 | 0         |
| 20 | Role of dynamin-related protein 1-mediated mitochondrial fission in resistance of mouse C2C12 myoblasts to heat injury. <i>Journal of Physiology</i> , 2016, 594, 7419-7433.  | 2.9 | 23        |
| 21 | Morphological control of mitochondrial bioenergetics. <i>Frontiers in Bioscience - Landmark</i> , 2015, 20, 229-246.  | 3.0 | 28        |
| 22 | Decreasing mitochondrial fission diminishes vascular smooth muscle cell migration and ameliorates intimal hyperplasia. <i>Cardiovascular Research</i> , 2015, 106, 272-283.   | 3.8 | 86        |
| 23 | Decreasing Mitochondrial Fission Prevents Cholestatic Liver Injury. <i>Journal of Biological Chemistry</i> , 2014, 289, 34074-34088.  | 3.4 | 34        |
| 24 | Transgenic Control of Mitochondrial Fission Induces Mitochondrial Uncoupling and Relieves Diabetic Oxidative Stress. <i>Diabetes</i> , 2012, 61, 2093-2104.   | 0.6 | 76        |
| 25 | High-Glucose Stimulation Increases Reactive Oxygen Species Production Through the Calcium and Mitogen-Activated Protein Kinase-Mediated Activation of Mitochondrial Fission. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 425-437.       | 5.4 | 228       |
| 26 | Mitochondrial Dynamics in Diabetes. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 439-457.  | 5.4 | 174       |
| 27 | Mitochondrial fission mediates high glucose-induced cell death through elevated production of reactive oxygen species. <i>Cardiovascular Research</i> , 2008, 79, 341-351.  | 3.8 | 391       |
| 28 | Increased production of reactive oxygen species in hyperglycemic conditions requires dynamic change of mitochondrial morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2653-2658. | 7.1 | 988       |
| 29 | Regulation of mitochondrial fission and apoptosis by the mitochondrial outer membrane protein hFis1. <i>Journal of Cell Science</i> , 2005, 118, 4141-4151.   | 2.0 | 155       |