

Bingxian Xie

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

900
citations

516681

16
h-index

642715

23
g-index

26
all docs

26
docs citations

26
times ranked

1546
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Myocardial brain-derived neurotrophic factor regulates cardiac bioenergetics through the transcription factor Yin Yang 1. <i>Cardiovascular Research</i> , 2023, 119, 571-586. | 3.8 | 12 |
| 2 | Diet-induced obese mice are resistant to improvements in cardiac function resulting from short-term adropin treatment. <i>Current Research in Physiology</i> , 2022, 5, 55-62. | 1.7 | 3 |
| 3 | Empagliflozin restores cardiac metabolic flexibility in diet-induced obese C57BL6/J mice. <i>Current Research in Physiology</i> , 2022, 5, 232-239. | 1.7 | 8 |
| 4 | Tregs facilitate obesity and insulin resistance via a Blimp-1/IL-10 axis. <i>JCI Insight</i> , 2021, 6, . | 5.0 | 54 |
| 5 | Cardiomyocyte-specific deletion of GCN5L1 in mice restricts mitochondrial protein hyperacetylation in response to a high fat diet. <i>Scientific Reports</i> , 2020, 10, 10665. | 3.3 | 17 |
| 6 | Liver-specific Prkn knockout mice are more susceptible to diet-induced hepatic steatosis and insulin resistance. <i>Molecular Metabolism</i> , 2020, 41, 101051. | 6.5 | 27 |
| 7 | Sustained mitochondrial biogenesis is essential to maintain caloric restriction-induced beige adipocytes. <i>Metabolism: Clinical and Experimental</i> , 2020, 107, 154225. | 3.4 | 20 |
| 8 | The Transcriptional Regulator Id2 Is Critical for Adipose-Resident Regulatory T Cell Differentiation, Survival, and Function. <i>Journal of Immunology</i> , 2019, 203, 658-664. | 0.8 | 27 |
| 9 | A Manganese-Superoxide Dismutase From <i>Thermus thermophilus</i> HB27 Suppresses Inflammatory Responses and Alleviates Experimentally Induced Colitis. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 1644-1655. | 1.9 | 17 |
| 10 | Adropin reduces blood glucose levels in mice by limiting hepatic glucose production. <i>Physiological Reports</i> , 2019, 7, e14043. | 1.7 | 34 |
| 11 | Adropin treatment restores cardiac glucose oxidation in pre-diabetic obese mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 174-178. | 1.9 | 41 |
| 12 | The protein acetylase GCN5L1 modulates hepatic fatty acid oxidation activity via acetylation of the mitochondrial β^2 -oxidation enzyme HADHA. <i>Journal of Biological Chemistry</i> , 2018, 293, 17676-17684. | 3.4 | 62 |
| 13 | Adropin regulates pyruvate dehydrogenase in cardiac cells via a novel GPCR-MAPK-PDK4 signaling pathway. <i>Redox Biology</i> , 2018, 18, 25-32. | 9.0 | 66 |
| 14 | Rab8a Deficiency in Skeletal Muscle Causes Hyperlipidemia and Hepatosteatosis by Impairing Muscle Lipid Uptake and Storage. <i>Diabetes</i> , 2017, 66, 2387-2399. | 0.6 | 18 |
| 15 | A Tbc1d1 Ser231Ala-knockin mutation partially impairs AICAR- but not exercise-induced muscle glucose uptake in mice. <i>Diabetologia</i> , 2017, 60, 336-345. | 6.3 | 32 |
| 16 | Apple-Derived Pectin Modulates Gut Microbiota, Improves Gut Barrier Function, and Attenuates Metabolic Endotoxemia in Rats with Diet-Induced Obesity. <i>Nutrients</i> , 2016, 8, 126. | 4.1 | 158 |
| 17 | A lipidomics study reveals hepatic lipid signatures associating with deficiency of the LDL receptor in a rat model. <i>Biology Open</i> , 2016, 5, 979-986. | 1.2 | 15 |
| 18 | The Inactivation of RabGAP Function of AS160 Promotes Lysosomal Degradation of GLUT4 and Causes Postprandial Hyperglycemia and Hyperinsulinemia. <i>Diabetes</i> , 2016, 65, 3327-3340. | 0.6 | 32 |

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|----|---|-----|-----------|
| 19 | Disruption of the AMPK-TBC1D1 nexus increases lipogenic gene expression and causes obesity in mice via promoting IGF1 secretion. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7219-7224. | 7.1 | 41 |
| 20 | PKB-Mediated Thr649 Phosphorylation of AS160/TBC1D4 Regulates the R-Wave Amplitude in the Heart. PLoS ONE, 2015, 10, e0124491. | 2.5 | 9 |
| 21 | GARNL1, a major RalGAP β subunit in skeletal muscle, regulates insulin-stimulated RalA activation and GLUT4 trafficking via interaction with 14-3-3 proteins. Cellular Signalling, 2014, 26, 1636-1648. | 3.6 | 37 |
| 22 | Rab8a-AS160-MSS4 Regulatory Circuit Controls Lipid Droplet Fusion and Growth. Developmental Cell, 2014, 30, 378-393. | 7.0 | 98 |
| 23 | AS160 deficiency causes whole-body insulin resistance via composite effects in multiple tissues. Biochemical Journal, 2013, 449, 479-489. | 3.7 | 71 |