

Zachary Gerhart-Hines

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,339
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

2406
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Fueling the fire of adipose thermogenesis. <i>Science</i> , 2022, 375, 1229-1231. | 12.6 | 30 |
| 2 | Leveraging GPCR signaling in thermogenic fat to counteract metabolic diseases. <i>Molecular Metabolism</i> , 2022, 60, 101474. | 6.5 | 2 |
| 3 | Influence of NAFLD and bariatric surgery on hepatic and adipose tissue mitochondrial biogenesis and respiration. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 14 |
| 4 | Lipolysis regulates major transcriptional programs in brown adipocytes. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 16 |
| 5 | White adipose remodeling during browning in mice involves YBX1 to drive thermogenic commitment. <i>Molecular Metabolism</i> , 2021, 44, 101137. | 6.5 | 13 |
| 6 | Ablation of <i>Nampt</i> in AgRP neurons leads to neurodegeneration and impairs fasting- and ghrelin-mediated food intake. <i>FASEB Journal</i> , 2021, 35, e21450. | 0.5 | 2 |
| 7 | Cold-induction of afadin in brown fat supports its thermogenic capacity. <i>Scientific Reports</i> , 2021, 11, 9794. | 3.3 | 3 |
| 8 | Lipolysis drives expression of the constitutively active receptor GPR3 to induce adipose thermogenesis. <i>Cell</i> , 2021, 184, 3502-3518.e33. | 28.9 | 68 |
| 9 | Altered brown fat thermoregulation and enhanced cold-induced thermogenesis in young, healthy, winter-swimming men. <i>Cell Reports Medicine</i> , 2021, 2, 100408. | 6.5 | 17 |
| 10 | Fasting- and ghrelin-induced food intake is regulated by NAMPT in the hypothalamus. <i>Acta Physiologica</i> , 2020, 228, e13437. | 3.8 | 22 |
| 11 | Autocrine negative feedback regulation of lipolysis through sensing of NEFAs by FFAR4/GPR120 in WAT. <i>Molecular Metabolism</i> , 2020, 42, 101103. | 6.5 | 16 |
| 12 | Role of Energy Excretion in Human Body Weight Regulation. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 705-708. | 7.1 | 20 |
| 13 | Thyroid hormone receptor β in skeletal muscle is essential for T3-mediated increase in energy expenditure. <i>FASEB Journal</i> , 2020, 34, 15480-15491. | 0.5 | 25 |
| 14 | Afadin is a scaffold protein repressing insulin action via HDAC6 in adipose tissue. <i>EMBO Reports</i> , 2019, 20, e48216. | 4.5 | 16 |
| 15 | Proteomics-Based Comparative Mapping of the Secretomes of Human Brown and White Adipocytes Reveals EPDR1 as a Novel Adipokine. <i>Cell Metabolism</i> , 2019, 30, 963-975.e7. | 16.2 | 109 |
| 16 | Kynurenic Acid and Gpr35 Regulate Adipose Tissue Energy Homeostasis and Inflammation. <i>Cell Metabolism</i> , 2018, 27, 378-392.e5. | 16.2 | 178 |
| 17 | NAMPT-mediated NAD biosynthesis is indispensable for adipose tissue plasticity and development of obesity. <i>Molecular Metabolism</i> , 2018, 11, 178-188. | 6.5 | 55 |
| 18 | Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. <i>Cell Metabolism</i> , 2018, 28, 159-174.e11. | 16.2 | 114 |

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|----|---|------|-----------|
| 19 | Cold-Activated Lipid Dynamics in Adipose Tissue Highlights a Role for Cardiolipin in Thermogenic Metabolism. <i>Cell Reports</i> , 2018, 24, 781-790. | 6.4 | 60 |
| 20 | Circadian Metabolism in the Light of Evolution. <i>Endocrine Reviews</i> , 2015, 36, 289-304. | 20.1 | 131 |
| 21 | Circadian Enhancers Coordinate Multiple Phases of Rhythmic Gene Transcription In Vivo. <i>Cell</i> , 2014, 159, 1140-1152. | 28.9 | 200 |
| 22 | The nuclear receptor Rev-erb β controls circadian thermogenic plasticity. <i>Nature</i> , 2013, 503, 410-413. | 27.8 | 228 |