

Tian Lian Huang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

3,323
citations

623734

14
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

4856
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | New role of bone morphogenetic protein 7 in brown adipogenesis and energy expenditure. <i>Nature</i> , 2008, 454, 1000-1004. | 27.8 | 964 |
| 2 | Identification of inducible brown adipocyte progenitors residing in skeletal muscle and white fat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 143-148. | 7.1 | 425 |
| 3 | Lung Stem Cell Differentiation in Mice Directed by Endothelial Cells via a BMP4-NFATc1-Thrombospondin-1 Axis. <i>Cell</i> , 2014, 156, 440-455. | 28.9 | 417 |
| 4 | Brown-fat paucity due to impaired BMP signalling induces compensatory browning of white fat. <i>Nature</i> , 2013, 495, 379-383. | 27.8 | 338 |
| 5 | The cold-induced lipokine 12,13-diHOME promotes fatty acid transport into brown adipose tissue. <i>Nature Medicine</i> , 2017, 23, 631-637. | 30.7 | 309 |
| 6 | Clonal analyses and gene profiling identify genetic biomarkers of the thermogenic potential of human brown and white preadipocytes. <i>Nature Medicine</i> , 2015, 21, 760-768. | 30.7 | 240 |
| 7 | 12-Lipoxygenase Regulates Cold Adaptation and Glucose Metabolism by Producing the Omega-3 Lipid 12-HEPE from Brown Fat. <i>Cell Metabolism</i> , 2019, 30, 768-783.e7. | 16.2 | 132 |
| 8 | Micro RNA-455 regulates brown adipogenesis via a novel HIF-1 α -AMPK α -PGC-1 β signaling network. <i>EMBO Reports</i> , 2015, 16, 1378-1393. | 4.5 | 123 |
| 9 | CRISPR-engineered human brown-like adipocytes prevent diet-induced obesity and ameliorate metabolic syndrome in mice. <i>Science Translational Medicine</i> , 2020, 12, . | 12.4 | 80 |
| 10 | FGF6 and FGF9 regulate UCP1 expression independent of brown adipogenesis. <i>Nature Communications</i> , 2020, 11, 1421. | 12.8 | 67 |
| 11 | Vascular smooth muscle-derived Trpv1+ progenitors are a source of cold-induced thermogenic adipocytes. <i>Nature Metabolism</i> , 2021, 3, 485-495. | 11.9 | 64 |
| 12 | 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 |
| 13 | Brown adipose tissue-derived Mar2 contributes to cold-induced resolution of inflammation. <i>Nature Metabolism</i> , 2022, 4, 775-790. | 11.9 | 47 |
| 14 | Cell-autonomous light sensitivity via Opsin3 regulates fuel utilization in brown adipocytes. <i>PLoS Biology</i> , 2020, 18, e3000630. | 5.6 | 41 |
| 15 | Loss of BMP receptor type 1A in murine adipose tissue attenuates age-related onset of insulin resistance. <i>Diabetologia</i> , 2016, 59, 1769-1777. | 6.3 | 16 |