# Hui Gao

## List of Publications by Year in Descending Order

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|---|---|
| **32** papers | **913** citations |
| **17** h-index | **30** g-index |
| **33** ext. papers | **1,262** ext. citations |
| **9.4** avg, IF | **4.05** L-index |

| # | Paper | IF | Citations |
|---|-------|-----|-----------|
| 32 | Impaired phosphocreatine metabolism in white adipocytes promotes inflammation.. *Nature Metabolism*, **2022**, | 14.6 | 1 |
| 31 | β-adrenergic receptor downregulation leads to adipocyte catecholamine resistance in obesity. *Journal of Clinical Investigation*, **2021**, | 15.9 | 2 |
| 30 | Disrupted circadian oscillations in type 2 diabetes are linked to altered rhythmic mitochondrial metabolism in skeletal muscle. *Science Advances*, **2021**, 7, eabi9654 | 14.3 | 3 |
| 29 | Human White Adipose Tissue Displays Selective Insulin Resistance in the Obese State. *Diabetes*, **2021**, 70, 1486-1497 | 0.9 | 5 |
| 28 | Spatial mapping reveals human adipocyte subpopulations with distinct sensitivities to insulin. *Cell Metabolism*, **2021**, 33, 1869-1882.e6 | 24.6 | 18 |
| 27 | Age-Induced Reduction in Human Lipolysis: A Potential Role for Adipocyte Noradrenaline Degradation. *Cell Metabolism*, **2020**, 32, 1-3 | 24.6 | 20 |
| 26 | A simple yet effective AIE-based fluorescent nano-thermometer for temperature mapping in living cells using fluorescence lifetime imaging microscopy. *Nanoscale Horizons*, **2020**, 5, 488-494 | 10.8 | 23 |
| 25 | Glutamine Links Obesity to Inflammation in Human White Adipose Tissue. *Cell Metabolism*, **2020**, 31, 375-390.e11 | 24.6 | 56 |
| 24 | Carbon quantum dots with tracer-like breakthrough ability for reservoir characterization. *Science of the Total Environment*, **2019**, 669, 579-589 | 10.2 | 13 |
| 23 | Adipocyte Expression of SLC19A1 Links DNA Hypermethylation to Adipose Tissue Inflammation and Insulin Resistance. *Journal of Clinical Endocrinology and Metabolism*, **2018**, 103, 710-721 | 5.6 | 18 |
| 22 | Screening of potential adipokines identifies S100A4 as a marker of pernicious adipose tissue and insulin resistance. *International Journal of Obesity*, **2018**, 42, 2047-2056 | 5.5 | 17 |
| 21 | Long Non-Coding RNAs Associated with Metabolic Traits in Human White Adipose Tissue. *EBioMedicine*, **2018**, 30, 248-260 | 8.8 | 35 |
| 20 | Analysis of Protein-DNA Interaction by Chromatin Immunoprecipitation and DNA Tiling Microarray (ChIP-on-chip). *Methods in Molecular Biology*, **2018**, 1689, 43-51 | 1.4 | 0 |
| 19 | Expression of the three components of linear ubiquitin assembly complex in breast cancer. *PLoS ONE*, **2018**, 13, e0197183 | 3.7 | 8 |
| 18 | AIEgen-Based Fluorescent Nanomaterials: Fabrication and Biological Applications. *Molecules*, **2018**, 23, | 4.8 | 27 |
| 17 | RCAN1 is a marker of oxidative stress, induced in acute pancreatitis. *Pancreatology*, **2018**, 18, 734-741 | 3.8 | 17 |
| 16 | MicroRNAs-361-5p and miR-574-5p associate with human adipose morphology and regulate EBF1 expression in white adipose tissue. *Molecular and Cellular Endocrinology*, **2018**, 472, 50-56 | 4.4 | 14 |

# List of Publications

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|---|---|---|---|
| 15 | Transforming Growth Factor-β Regulates Adipocyte Number in Subcutaneous White Adipose Tissue. *Cell Reports*, **2018**, 25, 551-560.e5 | 10.6 | 45 |
| 14 | CD36 Is a Marker of Human Adipocyte Progenitors with Pronounced Adipogenic and Triglyceride Accumulation Potential. *Stem Cells*, **2017**, 35, 1799-1814 | 5.8 | 49 |
| 13 | Quantitative high-content/high-throughput microscopy analysis of lipid droplets in subject-specific adipogenesis models. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2017**, 91, 1068-1077 | 4.6 | 5 |
| 12 | The Adipose Transcriptional Response to Insulin Is Determined by Obesity, Not Insulin Sensitivity. *Cell Reports*, **2016**, 16, 2317-26 | 10.6 | 26 |
| 11 | Estrogen Receptor β Promotes Breast Cancer by Reprogramming Choline Metabolism. *Cancer Research*, **2016**, 76, 5634-5646 | 10.1 | 34 |
| 10 | Altered DNA methylation of glycolytic and lipogenic genes in liver from obese and type 2 diabetic patients. *Molecular Metabolism*, **2016**, 5, 171-183 | 8.8 | 74 |
| 9 | Estrogen Enhances the Expression of the Polyunsaturated Fatty Acid Elongase Elovl2 via ERα in Breast Cancer Cells. *PLoS ONE*, **2016**, 11, e0164241 | 3.7 | 25 |
| 8 | Adipose and Circulating CCL18 Levels Associate With Metabolic Risk Factors in Women. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4021-4029 | 5.6 | 12 |
| 7 | Early B cell factor 1 regulates adipocyte morphology and lipolysis in white adipose tissue. *Cell Metabolism*, **2014**, 19, 981-92 | 24.6 | 72 |
| 6 | aP2-Cre-mediated inactivation of estrogen receptor alpha causes hydrometra. *PLoS ONE*, **2014**, 9, e85581 | 3.7 | 11 |
| 5 | Implications of estrogen receptor alpha and estrogen receptor beta for adipose tissue functions and cardiometabolic complications. *Hormone Molecular Biology and Clinical Investigation*, **2013**, 15, 81-90 | 1.3 | 8 |
| 4 | The gene regulatory networks controlled by estrogens. *Molecular and Cellular Endocrinology*, **2011**, 334, 83-90 | 4.4 | 32 |
| 3 | From DNA binding to metabolic control: integration of -omics data reveals drug targets for prostate cancer. *EMBO Journal*, **2011**, 30, 2516-7 | 13 | 3 |
| 2 | Genome-wide identification of estrogen receptor alpha-binding sites in mouse liver. *Molecular Endocrinology*, **2008**, 22, 10-22 | | 104 |
| 1 | Long-term administration of estradiol decreases expression of hepatic lipogenic genes and improves insulin sensitivity in ob/ob mice: a possible mechanism is through direct regulation of signal transducer and activator of transcription 3. *Molecular Endocrinology*, **2006**, 20, 1287-99 | | 133 |