

Hui Gao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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. <i>Molecular Endocrinology</i> , 2006 , 20, 1287-99		133
31	Genome-wide identification of estrogen receptor alpha-binding sites in mouse liver. <i>Molecular Endocrinology</i> , 2008 , 22, 10-22		104
30	Altered DNA methylation of glycolytic and lipogenic genes in liver from obese and type 2 diabetic patients. <i>Molecular Metabolism</i> , 2016 , 5, 171-183	8.8	74
29	Early B cell factor 1 regulates adipocyte morphology and lipolysis in white adipose tissue. <i>Cell Metabolism</i> , 2014 , 19, 981-92	24.6	72
28	Glutamine Links Obesity to Inflammation in Human White Adipose Tissue. <i>Cell Metabolism</i> , 2020 , 31, 375-390.e11	24.6	56
27	CD36 Is a Marker of Human Adipocyte Progenitors with Pronounced Adipogenic and Triglyceride Accumulation Potential. <i>Stem Cells</i> , 2017 , 35, 1799-1814	5.8	49
26	Transforming Growth Factor- β Regulates Adipocyte Number in Subcutaneous White Adipose Tissue. <i>Cell Reports</i> , 2018 , 25, 551-560.e5	10.6	45
25	Long Non-Coding RNAs Associated with Metabolic Traits in Human White Adipose Tissue. <i>EBioMedicine</i> , 2018 , 30, 248-260	8.8	35
24	Estrogen Receptor α Promotes Breast Cancer by Reprogramming Choline Metabolism. <i>Cancer Research</i> , 2016 , 76, 5634-5646	10.1	34
23	The gene regulatory networks controlled by estrogens. <i>Molecular and Cellular Endocrinology</i> , 2011 , 334, 83-90	4.4	32
22	AIEgen-Based Fluorescent Nanomaterials: Fabrication and Biological Applications. <i>Molecules</i> , 2018 , 23,	4.8	27
21	The Adipose Transcriptional Response to Insulin Is Determined by Obesity, Not Insulin Sensitivity. <i>Cell Reports</i> , 2016 , 16, 2317-26	10.6	26
20	Estrogen Enhances the Expression of the Polyunsaturated Fatty Acid Elongase Elovl2 via ER α in Breast Cancer Cells. <i>PLoS ONE</i> , 2016 , 11, e0164241	3.7	25
19	A simple yet effective AIE-based fluorescent nano-thermometer for temperature mapping in living cells using fluorescence lifetime imaging microscopy. <i>Nanoscale Horizons</i> , 2020 , 5, 488-494	10.8	23
18	Age-Induced Reduction in Human Lipolysis: A Potential Role for Adipocyte Noradrenaline Degradation. <i>Cell Metabolism</i> , 2020 , 32, 1-3	24.6	20
17	Adipocyte Expression of SLC19A1 Links DNA Hypermethylation to Adipose Tissue Inflammation and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 710-721	5.6	18
16	Spatial mapping reveals human adipocyte subpopulations with distinct sensitivities to insulin. <i>Cell Metabolism</i> , 2021 , 33, 1869-1882.e6	24.6	18

15	Screening of potential adipokines identifies S100A4 as a marker of pernicious adipose tissue and insulin resistance. <i>International Journal of Obesity</i> , 2018 , 42, 2047-2056	5.5	17
14	RCAN1 is a marker of oxidative stress, induced in acute pancreatitis. <i>Pancreatology</i> , 2018 , 18, 734-741	3.8	17
13	MicroRNAs-361-5p and miR-574-5p associate with human adipose morphology and regulate EBF1 expression in white adipose tissue. <i>Molecular and Cellular Endocrinology</i> , 2018 , 472, 50-56	4.4	14
12	Carbon quantum dots with tracer-like breakthrough ability for reservoir characterization. <i>Science of the Total Environment</i> , 2019 , 669, 579-589	10.2	13
11	Adipose and Circulating CCL18 Levels Associate With Metabolic Risk Factors in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4021-4029	5.6	12
10	aP2-Cre-mediated inactivation of estrogen receptor alpha causes hydrometra. <i>PLoS ONE</i> , 2014 , 9, e85581	3.7	11
9	Expression of the three components of linear ubiquitin assembly complex in breast cancer. <i>PLoS ONE</i> , 2018 , 13, e0197183	3.7	8
8	Implications of estrogen receptor alpha and estrogen receptor beta for adipose tissue functions and cardiometabolic complications. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2013 , 15, 81-90 ¹⁻³		8
7	Quantitative high-content/high-throughput microscopy analysis of lipid droplets in subject-specific adipogenesis models. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017 , 91, 1068-1077	4.6	5
6	Human White Adipose Tissue Displays Selective Insulin Resistance in the Obese State. <i>Diabetes</i> , 2021 , 70, 1486-1497	0.9	5
5	From DNA binding to metabolic control: integration of -omics data reveals drug targets for prostate cancer. <i>EMBO Journal</i> , 2011 , 30, 2516-7	13	3
4	Disrupted circadian oscillations in type 2 diabetes are linked to altered rhythmic mitochondrial metabolism in skeletal muscle. <i>Science Advances</i> , 2021 , 7, eabi9654	14.3	3
3	β -adrenergic receptor downregulation leads to adipocyte catecholamine resistance in obesity. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	2
2	Impaired phosphocreatine metabolism in white adipocytes promotes inflammation.. <i>Nature Metabolism</i> , 2022 ,	14.6	1
1	Analysis of Protein-DNA Interaction by Chromatin Immunoprecipitation and DNA Tiling Microarray (ChIP-on-chip). <i>Methods in Molecular Biology</i> , 2018 , 1689, 43-51	1.4	0