

Xin Cui

List of Publications by Year in descending order

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37
papers

1,100
citations

411340

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466096

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times ranked

2106
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipocyte Utx Deficiency Promotes High-Fat Diet-Induced Metabolic Dysfunction in Mice. <i>Cells</i> , 2022, 11, 181.	1.8	2
2	Research progress of low dielectric constant polymer materials. <i>Journal of Polymer Engineering</i> , 2022, 42, 677-687.	0.6	37
3	Dnmt3b Deficiency in Myf5+ Brown Fat Precursor Cells Promotes Obesity in Female Mice. <i>Biomolecules</i> , 2021, 11, 1087.	1.8	8
4	Fatty Acids Rescue the Thermogenic Function of Sympathetically Denervated Brown Fat. <i>Biomolecules</i> , 2021, 11, 1428.	1.8	4
5	Adipose tissue-derived neurotrophic factor 3 regulates sympathetic innervation and thermogenesis in adipose tissue. <i>Nature Communications</i> , 2021, 12, 5362.	5.8	27
6	Brown Fat Dnmt3b Deficiency Ameliorates Obesity in Female Mice. <i>Life</i> , 2021, 11, 1325.	1.1	2
7	Epigenetic interaction between UTX and DNMT1 regulates diet-induced myogenic remodeling in brown fat. <i>Nature Communications</i> , 2021, 12, 6838.	5.8	11
8	Enhanced thermal conductivity of nanofluids by introducing Janus particles. <i>Nanoscale</i> , 2021, 14, 99-107.	2.8	18
9	Enhancing Electrochemical Hydrogen Evolution Performance of CoMoO ₄ -Based Microrod Arrays in Neutral Media through Alkaline Activation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30905-30914.	4.0	22
10	Postnatal leptin surge is critical for the transient induction of the developmental beige adipocytes in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E453-E461.	1.8	11
11	Simultaneous and Reversible Triggering of the Phase Transfer and Luminescence Change of Amidine-Modified Carbon Dots by CO ₂ . <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22851-22857.	4.0	7
12	Ultrastable and efficient H ₂ production <i>via</i> membrane-free hybrid water electrolysis over a bifunctional catalyst of hierarchical Mo@Ni alloy nanoparticles. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16501-16507.	5.2	49
13	Sympathetic nerve innervation is required for beigeing in white fat. <i>Physiological Reports</i> , 2019, 7, e14031.	0.7	42
14	SiO ₂ -Encompassed Co@N-Doped Porous Carbon Assemblies as Recyclable Catalysts for Efficient Hydrolysis of Ammonia Borane. <i>Langmuir</i> , 2019, 35, 671-677.	1.6	40
15	Colloidal Synthesis of Mo@Ni Alloy Nanoparticles as Bifunctional Electrocatalysts for Efficient Overall Water Splitting. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800359.	1.9	42
16	Water Splitting Catalysts: Colloidal Synthesis of Mo-Ni Alloy Nanoparticles as Bifunctional Electrocatalysts for Efficient Overall Water Splitting (<i>Adv. Mater. Interfaces</i> 13/2018). <i>Advanced Materials Interfaces</i> , 2018, 5, 1870063.	1.9	4
17	Leucine-nicotinic acid synergy stimulates AMPK/Sirt1 signaling and regulates lipid metabolism and lifespan in <i>Caenorhabditis elegans</i> , and hyperlipidemia and atherosclerosis in mice. <i>American Journal of Cardiovascular Disease</i> , 2017, 7, 33-47.	0.5	9
18	A Combination of Leucine, Metformin, and Sildenafil Treats Nonalcoholic Fatty Liver Disease and Steatohepatitis in Mice. <i>International Journal of Hepatology</i> , 2016, 2016, 1-16.	0.4	21

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19	Thermoneutrality decreases thermogenic program and promotes adiposity in high-fat diet-fed mice. <i>Physiological Reports</i> , 2016, 4, e12799.	0.7	93
20	Histone Deacetylase 1 (HDAC1) Negatively Regulates Thermogenic Program in Brown Adipocytes via Coordinated Regulation of Histone H3 Lysine 27 (H3K27) Deacetylation and Methylation. <i>Journal of Biological Chemistry</i> , 2016, 291, 4523-4536.	1.6	87
21	Myeloid Deletion of $\hat{I}\pm$ 1AMPK Exacerbates Atherosclerosis in LDL Receptor Knockout (LDLRKO) Mice. <i>Diabetes</i> , 2016, 65, 1565-1576.	0.3	36
22	Epigenetic regulation of E-cadherin expression by the histone demethylase UTX in colon cancer cells. <i>Medical Oncology</i> , 2016, 33, 21.	1.2	32
23	Interaction between leucine and phosphodiesterase 5 inhibition in modulating insulin sensitivity and lipid metabolism. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2015, 8, 227.	1.1	19
24	Protective Effects and Mechanisms of G5 PAMAM Dendrimers against Acute Pancreatitis Induced by Caerulein in Mice. <i>Biomacromolecules</i> , 2015, 16, 174-182.	2.6	37
25	Leucine amplifies the effects of metformin on insulin sensitivity and glycemic control in diet-induced obese mice. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 845-856.	1.5	32
26	Interaction between metformin and leucine in reducing hyperlipidemia and hepatic lipid accumulation in diet-induced obese mice. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1426-1434.	1.5	44
27	Adipose-Specific Knockout of <i>Seipin/Bscl2</i> Results in Progressive Lipodystrophy. <i>Diabetes</i> , 2014, 63, 2320-2331.	0.3	84
28	Synergistic effects of leucine with phosphodiesterase 5 inhibition on insulin sensitivity (1035.4). <i>FASEB Journal</i> , 2014, 28, 1035.4.	0.2	0
29	Comparison of brown and white adipose tissue fat fractions in ob, seipin, and Fsp27 gene knockout mice by chemical shift-selective imaging and ¹ H-MR spectroscopy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E160-E167.	1.8	45
30	Overexpression of a short human seipin/BSCL2 isoform in mouse adipose tissue results in mild lipodystrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E705-E713.	1.8	31
31	Development of a Novel Model of Hypertriglyceridemic Acute Pancreatitis in Hamsters. <i>Pancreas</i> , 2012, 41, 845-848.	0.5	11
32	Smooth muscle-specific overexpression of PGC- $\hat{I}\pm$ protects mice from acute colitis. <i>World Chinese Journal of Digestology</i> , 2012, 20, 1824.	0.0	0
33	Seipin ablation in mice results in severe generalized lipodystrophy. <i>Human Molecular Genetics</i> , 2011, 20, 3022-3030.	1.4	152
34	Quantification of liver fat in mice: comparing dual-echo Dixon imaging, chemical shift imaging, and ¹ H-MR spectroscopy. <i>Journal of Lipid Research</i> , 2011, 52, 1847-1855.	2.0	30
35	Application of l-thiazolidine-4-carboxylic acid monolayer in electrochemical determination of copper(II). <i>Science China Chemistry</i> , 2010, 53, 257-262.	4.2	3
36	Recognition behavior of chiral nanocomposites toward biomolecules and its application in electrochemical immunoassay. <i>Science China Chemistry</i> , 2010, 53, 1453-1458.	4.2	6

#	ARTICLE	IF	CITATIONS
37	Notice of Retraction: Non-uniform spreading of soluble surfactant solutions with disjoining pressure. , 2010, , .		0