

Zhichao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

983
citations

687220

13
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

1680
citing authors

#	ARTICLE	IF	CITATIONS
1	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK. <i>Nature</i> , 2017, 548, 112-116.	13.7	469
2	Hierarchical activation of compartmentalized pools of AMPK depends on severity of nutrient or energy stress. <i>Cell Research</i> , 2019, 29, 460-473.	5.7	101
3	Integrated Metabolomics and Lipidomics Analyses Reveal Metabolic Reprogramming in Human Glioma with IDH1 Mutation. <i>Journal of Proteome Research</i> , 2019, 18, 960-969.	1.8	56
4	Inhibition of ATP-citrate lyase improves NASH, liver fibrosis, and dyslipidemia. <i>Cell Metabolism</i> , 2022, 34, 919-936.e8.	7.2	55
5	Simultaneous metabolomics and lipidomics analysis based on novel heart-cutting two-dimensional liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2017, 966, 34-40.	2.6	51
6	PPAR α and PPAR β activation attenuates total free fatty acid and triglyceride accumulation in macrophages via the inhibition of Fatp1 expression. <i>Cell Death and Disease</i> , 2019, 10, 39.	2.7	42
7	Energy metabolism in brown adipose tissue. <i>FEBS Journal</i> , 2021, 288, 3647-3662.	2.2	35
8	Chronic cold exposure enhances glucose oxidation in brown adipose tissue. <i>EMBO Reports</i> , 2020, 21, e50085.	2.0	33
9	Metabolomics profiling of metformin-mediated metabolic reprogramming bypassing AMPK α . <i>Metabolism: Clinical and Experimental</i> , 2019, 91, 18-29.	1.5	30
10	Aldolase is a sensor for both low and high glucose, linking to AMPK and mTORC1. <i>Cell Research</i> , 2021, 31, 478-481.	5.7	29
11	Comprehensive Analysis of Short-, Medium-, and Long-Chain Acyl-Coenzyme A by Online Two-Dimensional Liquid Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 12902-12908.	3.2	25
12	Switching from Fatty Acid Oxidation to Glycolysis Improves the Outcome of Acute to Chronic Liver Failure. <i>Advanced Science</i> , 2020, 7, 1902996.	5.6	20
13	Which is the urine sample material of choice for metabolomics-driven biomarker studies?. <i>Analytica Chimica Acta</i> , 2020, 1105, 120-127.	2.6	17
14	Comprehensive Profiling by Non-targeted Stable Isotope Tracing Capillary Electrophoresis-Mass Spectrometry: A New Tool Complementing Metabolomic Analyses of Polar Metabolites. <i>Chemistry - A European Journal</i> , 2019, 25, 5427-5432.	1.7	15
15	High-throughput metabolic profiling based on small amount of hepatic cells. <i>Electrophoresis</i> , 2017, 38, 2296-2303.	1.3	3
16	PTEN-deficient cells prefer glutamine for metabolic synthesis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2020, 52, 251-258.	0.9	1
17	Metabolic convergence on lipogenesis in RAS, BCR-ABL, and MYC-driven lymphoid malignancies. <i>Cancer & Metabolism</i> , 2021, 9, 31.	2.4	1