

Zhaoyue Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10974430/publications.pdf>

Version: 2024-02-01

11
papers

1,134
citations

758635

12
h-index

1199166

12
g-index

13
all docs

13
docs citations

13
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019, 1, 404-415.	5.1	209
2	Quantitative Fluxomics of Circulating Metabolites. <i>Cell Metabolism</i> , 2020, 32, 676-688.e4.	7.2	148
3	Serine Catabolism Feeds NADH when Respiration Is Impaired. <i>Cell Metabolism</i> , 2020, 31, 809-821.e6.	7.2	118
4	A small molecule G6PD inhibitor reveals immune dependence on pentose phosphate pathway. <i>Nature Chemical Biology</i> , 2020, 16, 731-739.	3.9	101
5	Palladium-Triggered Chemical Rescue of Intracellular Proteins via Genetically Encoded Allene-Caged Tyrosine. <i>Journal of the American Chemical Society</i> , 2016, 138, 15118-15121.	6.6	94
6	Chemical Remodeling of Cell Surface Sialic Acids through a Palladium-Triggered Bioorthogonal Elimination Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5364-5368.	7.2	92
7	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019, 1, 404-415.	5.1	84
8	The small intestine shields the liver from fructose-induced steatosis. <i>Nature Metabolism</i> , 2020, 2, 586-593.	5.1	81
9	The Source of Glycolytic Intermediates in Mammalian Tissues. <i>Cell Metabolism</i> , 2021, 33, 367-378.e5.	7.2	80
10	Chemical Basis for Deuterium Labeling of Fat and NADPH. <i>Journal of the American Chemical Society</i> , 2017, 139, 14368-14371.	6.6	71
11	Serine catabolism generates liver NADPH and supports hepatic lipogenesis. <i>Nature Metabolism</i> , 2021, 3, 1608-1620.	5.1	37