Li Chen

List of Publications by Year
in descending order

16	1,986	566801 15	940134 16
papers	citations	h-index	g-index

20	20	20	3247
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metabolomics and Isotope Tracing. Cell, 2018, 173, 822-837.	13.5	537
2	Reversal of Cytosolic One-Carbon Flux Compensates for Loss of the Mitochondrial Folate Pathway. Cell Metabolism, 2016, 23, 1140-1153.	7.2	296
3	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. Nature Metabolism, 2019, 1, 404-415.	5.1	209
4	The Tumor Metabolic Microenvironment: Lessons from Lactate. Cancer Research, 2019, 79, 3155-3162.	0.4	140
5	Extraction and Quantitation of Nicotinamide Adenine Dinucleotide Redox Cofactors. Antioxidants and Redox Signaling, 2018, 28, 167-179.	2.5	136
6	A small molecule G6PD inhibitor reveals immune dependence on pentose phosphate pathway. Nature Chemical Biology, 2020, 16, 731-739.	3.9	101
7	Photoaffinity Labeling of Smallâ€Moleculeâ€Binding Proteins by DNAâ€Templated Chemistry. Angewandte Chemie - International Edition, 2013, 52, 9544-9549.	7.2	95
8	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. Nature Metabolism, 2019, 1, 404-415.	5.1	84
9	Peak Annotation and Verification Engine for Untargeted LCâ€“MS Metabolomics. Analytical Chemistry, 2019, 91, 1838-1846.	3.2	72
10	Chemical Basis for Deuterium Labeling of Fat and NADPH. Journal of the American Chemical Society, 2017, 139, 14368-14371.	6.6	71
11	NAD+ flux is maintained in aged mice despite lower tissue concentrations. Cell Systems, 2021, 12, 1160-1172.e4.	2.9	51
12	An LC-MS chemical derivatization method for the measurement of five different one-carbon states of cellular tetrahydrofolate. Analytical and Bioanalytical Chemistry, 2017, 409, 5955-5964.	1.9	40
13	Photoaffinity labeling of transcription factors by DNA-templated crosslinking. Chemical Science, 2015, 6, 745-751.	3.7	35
14	Perinatal high fat diet and early life methyl donor supplementation alter one carbon metabolism and <scp>DNA</scp> methylation in the brain. Journal of Neurochemistry, 2018, 145, 362-373.	2.1	25
15	Improved Annotation of Untargeted Metabolomics Data through Buffer Modifications That Shift Adduct Mass and Intensity. Analytical Chemistry, 2020, 92, 11573-11581.	3.2	20
16	Characterization of Lactate Metabolism Score in Breast and Thyroid Cancers to Assist Immunotherapy via Large-Scale Transcriptomic Data Analysis. Frontiers in Pharmacology, 0, 13, .	1.6	1