

Li Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1765929/publications.pdf>

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16
papers

1,986
citations

567281

15
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

3247
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomics and Isotope Tracing. <i>Cell</i> , 2018, 173, 822-837.	28.9	537
2	Reversal of Cytosolic One-Carbon Flux Compensates for Loss of the Mitochondrial Folate Pathway. <i>Cell Metabolism</i> , 2016, 23, 1140-1153.	16.2	296
3	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019, 1, 404-415.	11.9	209
4	The Tumor Metabolic Microenvironment: Lessons from Lactate. <i>Cancer Research</i> , 2019, 79, 3155-3162.	0.9	140
5	Extraction and Quantitation of Nicotinamide Adenine Dinucleotide Redox Cofactors. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 167-179.	5.4	136
6	A small molecule G6PD inhibitor reveals immune dependence on pentose phosphate pathway. <i>Nature Chemical Biology</i> , 2020, 16, 731-739.	8.0	101
7	Photoaffinity Labeling of Small Molecule-Binding Proteins by DNA-Templated Chemistry. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9544-9549.	13.8	95
8	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019, 1, 404-415.	11.9	84
9	Peak Annotation and Verification Engine for Untargeted LC-MS Metabolomics. <i>Analytical Chemistry</i> , 2019, 91, 1838-1846.	6.5	72
10	Chemical Basis for Deuterium Labeling of Fat and NADPH. <i>Journal of the American Chemical Society</i> , 2017, 139, 14368-14371.	13.7	71
11	NAD ⁺ flux is maintained in aged mice despite lower tissue concentrations. <i>Cell Systems</i> , 2021, 12, 1160-1172.e4.	6.2	51
12	An LC-MS chemical derivatization method for the measurement of five different one-carbon states of cellular tetrahydrofolate. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 5955-5964.	3.7	40
13	Photoaffinity labeling of transcription factors by DNA-templated crosslinking. <i>Chemical Science</i> , 2015, 6, 745-751.	7.4	35
14	Perinatal high fat diet and early life methyl donor supplementation alter one carbon metabolism and DNA methylation in the brain. <i>Journal of Neurochemistry</i> , 2018, 145, 362-373.	3.9	25
15	Improved Annotation of Untargeted Metabolomics Data through Buffer Modifications That Shift Adduct Mass and Intensity. <i>Analytical Chemistry</i> , 2020, 92, 11573-11581.	6.5	20
16	Characterization of Lactate Metabolism Score in Breast and Thyroid Cancers to Assist Immunotherapy via Large-Scale Transcriptomic Data Analysis. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	1