Lin Wang

List of Publications by Year
in descending order

38 papers	1,535 citations	430754 18 h-index	345118 36 g-index
47 all docs	47 docs citations	47 times ranked	2150 citing authors

#	Article	IF	Citations
1	Spatially resolved isotope tracing reveals tissue metabolic activity. Nature Methods, 2022, 19, 223-230.	9.0	67
2	Ketogenic diet and chemotherapy combine to disrupt pancreatic cancer metabolism and growth. Med, 2022, 3, 119-136.e8.	2.2	31
3	The Source of Glycolytic Intermediates in Mammalian Tissues. Cell Metabolism, 2021, 33, 367-378.e5.	7.2	80
4	Homozygous MTAP deletion in primary human glioblastoma is not associated with elevation of methylthioadenosine. Nature Communications, 2021, 12, 4228.	5.8	21
5	A genetic model of methionine restriction extends Drosophila health- and lifespan. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8
6	Metabolite discovery through global annotation of untargeted metabolomics data. Nature Methods, 2021, 18, 1377-1385.	9.0	107
7	Methionine synthase supports tumour tetrahydrofolate pools. Nature Metabolism, 2021, 3, 1512-1520.	5.1	24
8	Sensitive Bromine-Labeled Probe D-BPBr for Simultaneous Identification and Quantification of Chiral Amino Acids and Amino-Containing Metabolites Profiling in Human Biofluid by HPLC/MS. Analytical Chemistry, 2020, 92, 1763-1769.	3.2	34
9	SLC25A51 is a mammalian mitochondrial NAD+ transporter. Nature, 2020, 588, 174-179.	13.7	158
10	Quantitative Fluxomics of Circulating Metabolites. Cell Metabolism, 2020, 32, 676-688.e4.	7.2	148
11	Metabolic excretion associated with nutrientâ€“growth dysregulation promotes the rapid evolution of an overt metabolic defect. PLoS Biology, 2020, 18, e3000757.	2.6	17
12	4582 NICOTINAMIDE ADENINE DINUCLEOTIDE (NAD) DEPLETION MUST BE SEVERE TO INDUCE CARDIAC DYSFUNCTION AND EVENTUAL FAILURE. Journal of Clinical and Translational Science, 2020, 4, 13-13.	0.3	0
13	Serine Catabolism Feeds NADH when Respiration Is Impaired. Cell Metabolism, 2020, 31, 809-821.e6.	7.2	118
14	Improved Annotation of Untargeted Metabolomics Data through Buffer Modifications That Shift Adduct Mass and Intensity. Analytical Chemistry, 2020, 92, 11573-11581.	3.2	20
15	Downregulation of the tyrosine degradation pathway extends Drosophila lifespan. ELife, 2020, 9, .	2.8	25
16	Metabolite Exchange between Mammalian Organs Quantified in Pigs. Cell Metabolism, 2019, 30, 594-606.e3.	7.2	170
17	Natural human genetic variation determines basal and inducible expression of PM20D1 , an obesity-associated gene. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23232-23242.	3.3	35
18	GO-META-TiO2 composite monolithic columns for in-tube solid-phase microextraction of phosphopeptides. Talanta, 2019, 192, 360-367.	2.9	26

#	Article	IF	Citations
19	Peak Annotation and Verification Engine for Untargeted LCâ€“MS Metabolomics. Analytical Chemistry, 2019, 91, 1838-1846.	3.2	72
20	Gas phase reaction between chromones and solvent in an electrospray ionization source. Journal of Mass Spectrometry, 2019, 54, 66-72.	0.7	2
21	MON-LB017 Natural Genetic Variation in Humans Determines Basal and PPAR-Inducible Expression of PM20D1, a Putative Thermogenic Gene. Journal of the Endocrine Society, 2019, 3, .	0.1	0
22	Plasma-assisted alignment in the fabrication of microchannel-array-based in-tube solid-phase microextraction microchips packed with TiO 2 nanoparticles for phosphopeptide analysis. Analytica Chimica Acta, 2018, 1018, 70-77.	2.6	28
23	Extraction and Quantitation of Nicotinamide Adenine Dinucleotide Redox Cofactors. Antioxidants and Redox Signaling, 2018, 28, 167-179.	2.5	136
24	Pair of Stereodynamic Chiral Benzylicaldehyde Probes for Determination of Absolute Configuration of Amino Acid Residues in Peptides by Mass Spectrometry. Analytical Chemistry, 2017, 89, 11902-11907.	3.2	24
25	Loss of benzaldehyde in the fragmentation of protonated benzoylamines: Benzoyl cation as a hydride acceptor in the gas phase. Journal of Mass Spectrometry, 2017, 52, 664-671.	0.7	3
26	Development and Validation of an HPLC Method for Simultaneous Determination of Ibuprofen and 17 Related Compounds. Chromatographia, 2017, 80, 1353-1360.	0.7	19
27	How does a Cï£¾C double bond cleave in the gas phase? Fragmentation of protonated ketotifen in mass spectrometry. Journal of Mass Spectrometry, 2016, 51, 1105-1110.	0.7	5
28	Rapid identification of miglitol and its isomers by electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 155-161.	0.7	5
29	Gasâ€phase Smiles rearrangement reactions of deprotonated Nâ€phenylbenzamides studied by electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2015, 29, 864-870.	0.7	3
30	Construction the switch binding pattern of cyclofructan 6. Tetrahedron, 2015, 71, 3447-3452.	1.0	5
31	Qualitative and quantitative analysis of enantiomers by mass spectrometry: Application of a simple chiral chloride probe via rapid in-situ reaction. Analytica Chimica Acta, 2014, 809, 104-108.	2.6	21
32	Gas-Phase Arylmethyl Transfer and Cyclodeamination of Argentinated N-Arylmethyl-Pyridin-2-Ylmethanimine. Journal of the American Society for Mass Spectrometry, 2014, 25, 169-175.	1.2	7
33	Evaluation and determination of the cyclofructansâ€“amino acid complex binding pattern by electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2014, 49, 1043-1049.	0.7	6
34	Nazarov Cyclization and Oxo-Dielsâ€“Alder Reaction of Chalcones Induced by the Naked Silver Cation in Gas Phase. Organometallics, 2013, 32, 3385-3390.	1.1	10
35	Metal incorporated Horseradish Peroxidase (HRP) catalyzed oxidation of resveratrol: selective dimerization or decomposition. RSC Advances, 2013, 3, 22976.	1.7	7
36	Complexation of cyclofrunctans with transition metal ions studied by electrospray ionization mass spectrometry and collision-induced dissociation. International Journal of Mass Spectrometry, 2012, 323-324, 21-27.	0.7	13

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37	Gas-Phase Chemistry of Benzyl Cations in Dissociation of N-Benzylammonium and N-Benzyliminium Ions Studied by Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2012, 23, 823-833.	1.2	39
38	Formation of [M + 15]+ ions from aromatic aldehydes by use of methanol: in-source aldolization reaction in electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2011, 46, 1203-1210.	0.7	18