

Shuang Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

421
citations

1478505

6
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomic Coverage of Chemical-Group-Submetabolome Analysis: Group Classification and Four-Channel Chemical Isotope Labeling LC-MS. <i>Analytical Chemistry</i> , 2019, 91, 12108-12115.	6.5	100
2	Chemical derivatization in LC-MS-based metabolomics study. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 115988.	11.4	88
3	Development of High-Performance Chemical Isotope Labeling LC-MS for Profiling the Carbonyl Submetabolome. <i>Analytical Chemistry</i> , 2017, 89, 6758-6765.	6.5	85
4	Chemical Isotope Labeling LC-MS for High Coverage and Quantitative Profiling of the Hydroxyl Submetabolome in Metabolomics. <i>Analytical Chemistry</i> , 2016, 88, 10617-10623.	6.5	74
5	Dansylhydrazine Isotope Labeling LC-MS for Comprehensive Carboxylic Acid Submetabolome Profiling. <i>Analytical Chemistry</i> , 2018, 90, 13514-13522.	6.5	46
6	Comprehensive Metabolomic Comparison of Five Cereal Vinegars Using Non-Targeted and Chemical Isotope Labeling LC-MS Analysis. <i>Metabolites</i> , 2022, 12, 427.	2.9	7
7	High-Coverage Quantitative Metabolomics of Human Urine: Effects of Freeze-Thaw Cycles on the Urine Metabolome and Biomarker Discovery. <i>Analytical Chemistry</i> , 2022, 94, 9880-9887.	6.5	7
8	Development of a High-Coverage Quantitative Metabolome Analysis Method Using Four-Channel Chemical Isotope Labeling LC-MS for Analyzing High-Salt Fermented Food. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 8827-8837.	5.2	6
9	High-Coverage Metabolome Analysis Reveals Significant Diet Effects of Autoclaved and Irradiated Feed on Mouse Fecal and Urine Metabolomics. <i>Molecular Nutrition and Food Research</i> , 2021, 65, 2100110.	3.3	4
10	Chemical Isotope Labeling LC-MS for Metabolomics. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1280, 1-18.	1.6	3
11	High tolerance to instrument drifts by differential chemical isotope labeling LC-MS: A case study of the effect of LC leak in long-term sample runs on quantitative metabolome analysis. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4589.	1.6	1