

Xian Luo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

372
citations

1163117

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1199594

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docs citations

13
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	High-Performance Chemical Isotope Labeling Liquid Chromatography Mass Spectrometry for Exosome Metabolomics. <i>Analytical Chemistry</i> , 2018, 90, 8314-8319.	6.5	72
3	Metabolomics of Small Numbers of Cells: Metabolomic Profiling of 100, 1000, and 10000 Human Breast Cancer Cells. <i>Analytical Chemistry</i> , 2017, 89, 11664-11671.	6.5	67
4	Toxicity mechanisms of polystyrene microplastics in marine mussels revealed by high-coverage quantitative metabolomics using chemical isotope labeling liquid chromatography mass spectrometry. <i>Journal of Hazardous Materials</i> , 2021, 417, 126003.	12.4	66
5	Development of a simple and efficient method of harvesting and lysing adherent mammalian cells for chemical isotope labeling LC-MS-based cellular metabolomics. <i>Analytica Chimica Acta</i> , 2018, 1037, 97-106.	5.4	23
6	Metabolomics Distinguishes DOCK8 Deficiency from Atopic Dermatitis: Towards a Biomarker Discovery. <i>Metabolites</i> , 2019, 9, 274.	2.9	23
7	High-Performance Chemical Isotope Labeling Liquid Chromatography-Mass Spectrometry for Profiling the Metabolomic Reprogramming Elicited by Ammonium Limitation in Yeast. <i>Journal of Proteome Research</i> , 2016, 15, 1602-1612.	3.7	19
8	Impact of Oxygen Concentration on Metabolic Profile of Human Placenta-Derived Mesenchymal Stem Cells As Determined by Chemical Isotope Labeling LC-MS. <i>Journal of Proteome Research</i> , 2018, 17, 1866-1878.	3.7	10
9	Impact of Low-Intensity Pulsed Ultrasound on Transcript and Metabolite Abundance in <i>Saccharomyces cerevisiae</i> . <i>Journal of Proteome Research</i> , 2017, 16, 2975-2982.	3.7	7
10	Metabolic profiling associated with autophagy of human placenta-derived mesenchymal stem cells by chemical isotope labeling LC-MS. <i>Experimental Cell Research</i> , 2018, 372, 52-60.	2.6	7
11	Normalization of Samples of Limited Amounts in Quantitative Metabolomics Using Liquid Chromatography Fluorescence Detection with Dansyl Labeling of Metabolites. <i>Analytical Chemistry</i> , 2021, 93, 3418-3425.	6.5	3
12	Characterizing the effects of hypoxia on the metabolic profiles of mesenchymal stromal cells derived from three tissue sources using chemical isotope labeling liquid chromatography-mass spectrometry. <i>Cell and Tissue Research</i> , 2020, 380, 79-91.	2.9	1
13	Metabolomics of Small Numbers of Cells Using Chemical Isotope Labeling Combined with Nanoflow LC-MS. <i>NeuroMethods</i> , 2021, , 49-60.	0.3	0