

Han Liao

List of Publications by Year in descending order

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16
papers

696
citations

840119

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16
docs citations

16
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially resolved metabolomics to discover tumor-associated metabolic alterations. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 52-57.	3.3	222
2	RRLC-MS/MS-based metabolomics combined with in-depth analysis of metabolic correlation network: finding potential biomarkers for breast cancer. Analyst, The, 2009, 134, 2003.	1.7	160
3	Human Metabolic Responses to Chronic Environmental Polycyclic Aromatic Hydrocarbon Exposure by a Metabolomic Approach. Journal of Proteome Research, 2015, 14, 2583-2593.	1.8	69
4	Combination of Injection Volume Calibration by Creatinine and MS Signalsâ€™ Normalization to Overcome Urine Variability in LC-MS-Based Metabolomics Studies. Analytical Chemistry, 2013, 85, 7659-7665.	3.2	53
5	Development of a Data-Independent Targeted Metabolomics Method for Relative Quantification Using Liquid Chromatography Coupled with Tandem Mass Spectrometry. Analytical Chemistry, 2017, 89, 6954-6962.	3.2	42
6	Assessment of data pre-processing methods for LC-MS/MS-based metabolomics of uterine cervix cancer. Analyst, The, 2013, 138, 2669.	1.7	41
7	Development of simultaneous targeted metabolite quantification and untargeted metabolomics strategy using dual-column liquid chromatography coupled with tandem mass spectrometry. Analytica Chimica Acta, 2018, 1037, 369-379.	2.6	24
8	Targeted Data-Independent Acquisition and Mining Strategy for Trace Drug Metabolite Identification Using Liquid Chromatography Coupled with Tandem Mass Spectrometry. Analytical Chemistry, 2015, 87, 7535-7539.	3.2	23
9	Whole-body spatially-resolved metabolomics method for profiling the metabolic differences of epimer drug candidates using ambient mass spectrometry imaging. Talanta, 2019, 202, 198-206.	2.9	14
10	Optimization and Evaluation Strategy of Esophageal Tissue Preparation Protocols for Metabolomics by LC-MS. Analytical Chemistry, 2016, 88, 3459-3464.	3.2	11
11	Biotransformation-based metabolomics profiling method for determining and quantitating cancer-related metabolites. Journal of Chromatography A, 2018, 1580, 80-89.	1.8	11
12	LC-MS-based metabolomics reveals metabolic signatures related to glioma stem-like cell self-renewal and differentiation. RSC Advances, 2017, 7, 24221-24232.	1.7	10
13	Development of a high-coverage metabolome relative quantitative method for large-scale sample analysis. Analytica Chimica Acta, 2020, 1109, 44-52.	2.6	8
14	Development of methionine methylation profiling and relative quantification in human breast cancer cells based on metabolic stable isotope labeling. Analyst, The, 2019, 144, 3988-3998.	1.7	4
15	Mass spectrometry in metabolomics: what lies ahead. Bioanalysis, 2017, 9, 155-157.	0.6	3
16	Serum metabolomics reveals the progression of coronary artery stenosis in patients with hypercholesterolemia. Blood Coagulation and Fibrinolysis, 2019, 30, 205-216.	0.5	1