

Julian Pezzatti

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

477
citations

840585

11
h-index

996849

15
g-index

16
all docs

16
docs citations

16
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Applicability of supercritical fluid chromatography â€“ mass spectrometry to metabolomics. I â€“ Optimization of separation conditions for the simultaneous analysis of hydrophilic and lipophilic substances. <i>Journal of Chromatography A</i> , 2018, 1562, 96-107.	1.8	84
2	Implementation of liquid chromatographyâ€“high resolution mass spectrometry methods for untargeted metabolomic analyses of biological samples: A tutorial. <i>Analytica Chimica Acta</i> , 2020, 1105, 28-44.	2.6	83
3	Interlaboratory and Interplatform Study of Steroids Collision Cross Section by Traveling Wave Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 5013-5022.	3.2	56
4	Effective mobility as a robust criterion for compound annotation and identification in metabolomics: Toward a mobility-based library. <i>Analytica Chimica Acta</i> , 2018, 1032, 178-187.	2.6	42
5	A scoring approach for multi-platform acquisition in metabolomics. <i>Journal of Chromatography A</i> , 2019, 1592, 47-54.	1.8	40
6	Applicability of Supercritical fluid chromatographyâ€“Mass spectrometry to metabolomics. IIâ€“Assessment of a comprehensive library of metabolites and evaluation of biological matrices. <i>Journal of Chromatography A</i> , 2020, 1620, 461021.	1.8	34
7	Unravelling the effects of multiple experimental factors in metabolomics, analysis of human neural cells with hydrophilic interaction liquid chromatography hyphenated to high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1527, 53-60.	1.8	27
8	An Integrative Multi-Omics Workflow to Address Multifactorial Toxicology Experiments. <i>Metabolites</i> , 2019, 9, 79.	1.3	24
9	Ion mobility-high resolution mass spectrometry in anti-doping analysis. Part I: Implementation of a screening method with the assessment of a library of substances prohibited in sports. <i>Analytica Chimica Acta</i> , 2021, 1152, 338257.	2.6	20
10	Toward a better understanding of chronic kidney disease with complementary chromatographic methods hyphenated with mass spectrometry for improved polar metabolome coverage. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1116, 9-18.	1.2	15
11	Ion mobility-high resolution mass spectrometry in doping control analysis. Part II: Comparison of acquisition modes with and without ion mobility. <i>Analytica Chimica Acta</i> , 2021, 1175, 338739.	2.6	14
12	Choosing an Optimal Sample Preparation in <i>Caulobacter crescentus</i> for Untargeted Metabolomics Approaches. <i>Metabolites</i> , 2019, 9, 193.	1.3	11
13	Bacterial cell cycle control by citrate synthase independent of enzymatic activity. <i>ELife</i> , 2020, 9, .	2.8	11
14	Evaluation of Different Tandem MS Acquisition Modes to Support Metabolite Annotation in Human Plasma Using Ultra High-Performance Liquid Chromatography High-Resolution Mass Spectrometry for Untargeted Metabolomics. <i>Metabolites</i> , 2020, 10, 464.	1.3	9
15	Combining the advantages of multilevel and orthogonal partial least squares data analysis for longitudinal metabolomics: Application to kidney transplantation. <i>Analytica Chimica Acta</i> , 2020, 1099, 26-38.	2.6	7