

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10064954/chunxia-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

695
citations

16
h-index

25
g-index

36
ext. papers

881
ext. citations

5
avg, IF

3.53
L-index

#	Paper	IF	Citations
36	Metabolic profiling based on LC/MS to evaluate unintended effects of transgenic rice with cry1Ac and sck genes. <i>Plant Molecular Biology</i> , 2012 , 78, 477-87	4.6	60
35	Comprehensive Strategy to Construct In-House Database for Accurate and Batch Identification of Small Molecular Metabolites. <i>Analytical Chemistry</i> , 2018 , 90, 7635-7643	7.8	52
34	A metabolomics study delineating geographical location-associated primary metabolic changes in the leaves of growing tobacco plants by GC-MS and CE-MS. <i>Scientific Reports</i> , 2015 , 5, 16346	4.9	44
33	Comprehensive investigation of tobacco leaves during natural early senescence via multi-platform metabolomics analyses. <i>Scientific Reports</i> , 2016 , 6, 37976	4.9	43
32	Oral secretions from <i>Mythimna separata</i> insects specifically induce defence responses in maize as revealed by high-dimensional biological data. <i>Plant, Cell and Environment</i> , 2016 , 39, 1749-1766	8.4	40
31	The Application of Chromatography-Mass Spectrometry: Methods to Metabonomics. <i>Chromatographia</i> , 2009 , 69, 23-32	2.1	37
30	Synthesis of magnetic mesoporous metal-organic framework-5 for the effective enrichment of malachite green and crystal violet in fish samples. <i>Journal of Chromatography A</i> , 2018 , 1560, 19-25	4.5	33
29	Ultra-high capacity liquid chromatography chip/quadrupole time-of-flight mass spectrometry for pharmaceutical analysis. <i>Journal of Chromatography A</i> , 2011 , 1218, 3669-74	4.5	31
28	Nontargeted Screening Method for Illegal Additives Based on Ultrahigh-Performance Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2016 , 88, 8870-7	7.8	31
27	High-sensitivity detection of biogenic amines with multiple reaction monitoring in fish based on benzoyl chloride derivatization. <i>Journal of Chromatography A</i> , 2016 , 1465, 30-7	4.5	29
26	Metabolic Profiling with Gas Chromatography-Mass Spectrometry and Capillary Electrophoresis-Mass Spectrometry Reveals the Carbon-Nitrogen Status of Tobacco Leaves Across Different Planting Areas. <i>Journal of Proteome Research</i> , 2016 , 15, 468-76	5.6	25
25	Study of polar metabolites in tobacco from different geographical origins by using capillary electrophoresis-mass spectrometry. <i>Metabolomics</i> , 2014 , 10, 805-815	4.7	25
24	Deep Annotation of Hydroxycinnamic Acid Amides in Plants Based on Ultra-High-Performance Liquid Chromatography-High-Resolution Mass Spectrometry and Its In Silico Database. <i>Analytical Chemistry</i> , 2018 , 90, 14321-14330	7.8	25
23	Transcriptomics and Alternative Splicing Analyses Reveal Large Differences between Maize Lines B73 and Mo17 in Response to Aphid Infestation. <i>Frontiers in Plant Science</i> , 2017 , 8, 1738	6.2	24
22	A Novel Strategy for Large-Scale Metabolomics Study by Calibrating Gross and Systematic Errors in Gas Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2016 , 88, 2234-42	7.8	22
21	Metabolic changes in primary, secondary, and lipid metabolism in tobacco leaf in response to topping. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 839-851	4.4	19
20	Lipidome and metabolome analysis of fresh tobacco leaves in different geographical regions using liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 5009-20	4.4	16

19	A simultaneous extraction method for metabolome and lipidome and its application in cry1Ac and sck-transgenic rice leaf treated with insecticide based on LCMS analysis. <i>Metabolomics</i> , 2014 , 10, 1197-1209	4.7	16
18	Screening and Determination of Potential Risk Substances Based on Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2018 , 90, 8454-8461	7.8	15
17	Metabolic responses of rice leaves and seeds under transgenic backcross breeding and pesticide stress by pseudotargeted metabolomics. <i>Metabolomics</i> , 2015 , 11, 1802-1814	4.7	13
16	Detection of K-ras exon 1 mutations by constant denaturant capillary electrophoresis. <i>Biomedical Chromatography</i> , 2004 , 18, 538-41	1.7	13
15	Chip-based nanoflow high performance liquid chromatography coupled to mass spectrometry for profiling of soybean flavonoids. <i>Electrophoresis</i> , 2012 , 33, 2399-406	3.6	12
14	Liquid chromatography/mass spectrometry-based metabolic profiling to elucidate chemical differences of tobacco leaves between Zimbabwe and China. <i>Journal of Separation Science</i> , 2011 , 34, 119-26	3.4	12
13	An alignment algorithm for LC-MS-based metabolomics dataset assisted by MS/MS information. <i>Analytica Chimica Acta</i> , 2017 , 990, 96-102	6.6	11
12	Sample-directed pseudotargeted method for the metabolic profiling analysis of rice seeds based on liquid chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2016 , 39, 247-55	3.4	8
11	Rapid identification of pathogenic bacteria by capillary electrophoretic analysis of rRNA genes. <i>Journal of Separation Science</i> , 2005 , 28, 513-21	3.4	7
10	Fluorescent-based single-strand conformation polymorphism/heteroduplex capillary electrophoretic mutation analysis of the P53 gene. <i>Analytical Sciences</i> , 2004 , 20, 1001-5	1.7	6
9	Quantitative structure-retention relationships model for retention time prediction of veterinary drugs in food matrixes. <i>International Journal of Mass Spectrometry</i> , 2018 , 434, 172-178	1.9	6
8	Simultaneous genotyping of multiplex single nucleotide polymorphisms of the K-ras gene with a home-made kit. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003 , 795, 55-60	3.2	5
7	Nontargeted screening method for veterinary drugs and their metabolites based on fragmentation characteristics from ultrahigh-performance liquid chromatography-high-resolution mass spectrometry. <i>Food Chemistry</i> , 2022 , 369, 130928	8.5	5
6	Synthesis of metal-organic framework-5@chitosan material for the analysis of microcystins and nodularin based on ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020 , 1623, 461198	4.5	4
5	A rapid GC method coupled with quadrupole or time of flight mass spectrometry for metabolomics analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1160, 122355	3.2	3
4	Untargeted Defining Protein-Metabolites Interaction Based on Label-Free Kinetic Size Exclusion Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 7657-7665	7.8	1
3	Nontargeted screening of veterinary drugs and their metabolites in milk based on mass defect filtering using liquid chromatography-high-resolution mass spectrometry. <i>Electrophoresis</i> , 2021 ,	3.6	1
2	Protein profiling analysis based on matrix-assisted laser desorption/ionization-Fourier transform ion cyclotron resonance mass spectrometry and its application in typing <i>Streptomyces</i> isolates. <i>Talanta</i> , 2020 , 208, 120439	6.2	1

- 1 Metabolomics insights into the prenatal exposure effects of polybrominated diphenyl ethers on neonatal birth outcomes.. *Science of the Total Environment*, **2022**, 155601

10.2 0