

# Chunxia

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , 369, 130928	8.5	5
35	Metabolomics insights into the prenatal exposure effects of polybrominated diphenyl ethers on neonatal birth outcomes.. <i>Science of the Total Environment</i> , <b>2022</b> , 155601	10.2	0
34	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> , <b>2021</b> ,	3.6	1
33	Untargeted Defining Protein-Metabolites Interaction Based on Label-Free Kinetic Size Exclusion Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 7657-7665	7.8	1
32	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> , <b>2020</b> , 1623, 461198	4.5	4
31	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> , <b>2020</b> , 1160, 122355	3.2	3
30	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> , <b>2020</b> , 208, 120439	6.2	1
29	Metabolic changes in primary, secondary, and lipid metabolism in tobacco leaf in response to topping. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 839-851	4.4	19
28	Screening and Determination of Potential Risk Substances Based on Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 8454-8461	7.8	15
27	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> , <b>2018</b> , 90, 14321-14330	7.8	25
26	Quantitative structure-retention relationships model for retention time prediction of veterinary drugs in food matrixes. <i>International Journal of Mass Spectrometry</i> , <b>2018</b> , 434, 172-178	1.9	6
25	Comprehensive Strategy to Construct In-House Database for Accurate and Batch Identification of Small Molecular Metabolites. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7635-7643	7.8	52
24	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> , <b>2018</b> , 1560, 19-25	4.5	33
23	An alignment algorithm for LC-MS-based metabolomics dataset assisted by MS/MS information. <i>Analytica Chimica Acta</i> , <b>2017</b> , 990, 96-102	6.6	11
22	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> , <b>2017</b> , 8, 1738	6.2	24
21	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> , <b>2016</b> , 39, 247-55	3.4	8
20	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> , <b>2016</b> , 15, 468-76	5.6	25

19	A Novel Strategy for Large-Scale Metabolomics Study by Calibrating Gross and Systematic Errors in Gas Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 2234-42	7.8	22
18	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> , <b>2016</b> , 39, 1749-1766	8.4	40
17	Comprehensive investigation of tobacco leaves during natural early senescence via multi-platform metabolomics analyses. <i>Scientific Reports</i> , <b>2016</b> , 6, 37976	4.9	43
16	High-sensitivity detection of biogenic amines with multiple reaction monitoring in fish based on benzoyl chloride derivatization. <i>Journal of Chromatography A</i> , <b>2016</b> , 1465, 30-7	4.5	29
15	Nontargeted Screening Method for Illegal Additives Based on Ultrahigh-Performance Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 8870-7	7.8	31
14	Lipidome and metabolome analysis of fresh tobacco leaves in different geographical regions using liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 5009-20	4.4	16
13	Metabolic responses of rice leaves and seeds under transgenic backcross breeding and pesticide stress by pseudotargeted metabolomics. <i>Metabolomics</i> , <b>2015</b> , 11, 1802-1814	4.7	13
12	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> , <b>2015</b> , 5, 16346	4.9	44
11	Study of polar metabolites in tobacco from different geographical origins by using capillary electrophoresis-mass spectrometry. <i>Metabolomics</i> , <b>2014</b> , 10, 805-815	4.7	25
10	A simultaneous extraction method for metabolome and lipidome and its application in cry1Ac and sck-transgenic rice leaf treated with insecticide based on LC/MS analysis. <i>Metabolomics</i> , <b>2014</b> , 10, 1197-1209	4.7	16
9	Metabolic profiling based on LC/MS to evaluate unintended effects of transgenic rice with cry1Ac and sck genes. <i>Plant Molecular Biology</i> , <b>2012</b> , 78, 477-87	4.6	60
8	Chip-based nanoflow high performance liquid chromatography coupled to mass spectrometry for profiling of soybean flavonoids. <i>Electrophoresis</i> , <b>2012</b> , 33, 2399-406	3.6	12
7	Liquid chromatography/mass spectrometry-based metabolic profiling to elucidate chemical differences of tobacco leaves between Zimbabwe and China. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 119-26	3.4	12
6	Ultra-high capacity liquid chromatography chip/quadrupole time-of-flight mass spectrometry for pharmaceutical analysis. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 3669-74	4.5	31
5	The Application of Chromatography-Mass Spectrometry: Methods to Metabonomics. <i>Chromatographia</i> , <b>2009</b> , 69, 23-32	2.1	37
4	Rapid identification of pathogenic bacteria by capillary electrophoretic analysis of rRNA genes. <i>Journal of Separation Science</i> , <b>2005</b> , 28, 513-21	3.4	7
3	Detection of K-ras exon 1 mutations by constant denaturant capillary electrophoresis. <i>Biomedical Chromatography</i> , <b>2004</b> , 18, 538-41	1.7	13
2	Fluorescent-based single-strand conformation polymorphism/heteroduplex capillary electrophoretic mutation analysis of the P53 gene. <i>Analytical Sciences</i> , <b>2004</b> , 20, 1001-5	1.7	6

- 1 Simultaneous genotyping of multiplex single nucleotide polymorphisms of the K-ras gene with a home-made kit. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2003**, 795, 55-60

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