Feng Zhang

List of Publications by Year
in descending order

30 papers	522 citations	623574 14 h-index	677027 22 g-index
30 all docs	30 docs citations	30 times ranked	696 citing authors

#	Article	IF	Citations
1	Determination of garlic phenolic compounds using supercritical fluid extraction coupled to supercritical fluid chromatography/tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 513-523.	1.4	58
2	High-throughput untargeted screening of veterinary drug residues and metabolites in tilapia using high resolution orbitrap mass spectrometry. Analytica Chimica Acta, 2017, 957, 29-39.	2.6	55
3	A high-throughput screening method of bisphenols, bisphenols digycidyl ethers and their derivatives in dairy products by ultra-high performance liquid chromatography-tandem mass spectrometry. Analytica Chimica Acta, 2017, 950, 98-107.	2.6	49
4	Simultaneous determination of 16 macrolide antibiotics and 4 metabolites in milk by using Quick, Easy, Cheap, Effective, Rugged, and Safe extraction (QuEChERS) and high performance liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 411-420.	1.2	40
5	A simple, accurate, time-saving and green method for the determination of 15 sulfonamides and metabolites in serum samples by ultra-high performance supercritical fluid chromatography. Journal of Chromatography A, 2016, 1432, 132-139.	1.8	31
6	Multiresidue pesticide analysis in nutraceuticals from green tea extracts by comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. Journal of Chromatography A, 2015, 1395, 160-166.	1.8	27
7	Simultaneous determination of 22 cephalosporins drug residues in pork muscle using liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1022, 298-307.	1.2	27
8	An analytical strategy for accurate, rapid and sensitive quantitative analysis of isoflavones in traditional Chinese medicines using ultra-high performance supercritical fluid chromatography: Take Radix Puerariae as an example. Journal of Chromatography A, 2019, 1606, 460385.	1.8	19
9	Simultaneous determination of 23 flavor additives in tobacco products using gas chromatographyâ€“triple quadrupole mass spectrometry. Journal of Chromatography A, 2013, 1306, 72-79.	1.8	18
10	Determination of gardenia yellow colorants in soft drink, pastry, instant noodles with ultrasound-assisted extraction by high performance liquid chromatography-electrospray ionization tandem mass spectrum. Journal of Chromatography A, 2016, 1446, 59-69.	1.8	18
11	Investigation of the dynamic changes in the chemical constituents of Chinese â€œLabaâ€•garlic during traditional processing. RSC Advances, 2018, 8, 41872-41883.	1.7	17
12	Magnetic graphene oxideâ˜based covalent organic frameworks as novel adsorbent for extraction and separation of triazine herbicides from fruit and vegetable samples. Analytica Chimica Acta, 2022, 1219, 339984.	2.6	16
13	Simple, rapid, and environmentally friendly method for the separation of isoflavones using ultraâ€high performance supercritical fluid chromatography. Journal of Separation Science, 2017, 40, 2827-2837.	1.3	15
14	High throughput identification of pentacyclic triterpenes in Hippophae rhamnoides using multiple neutral loss markers scanning combined with substructure recognition (MNLSR). Talanta, 2019, 205, 120011.	2.9	15
15	Determination of trace food-derived hazardous compounds in Chinese cooked foods using solid-phase extraction and gas chromatography coupled to triple quadrupole mass spectrometry. Journal of Chromatography A, 2008, 1209, 220-229.	1.8	14
16	A new methodology for sensory quality assessment of garlic based on metabolomics and an artificial neural network. RSC Advances, 2019, 9, 17754-17765.	1.7	14
17	High-throughput foodomics strategy for screening flavor components in dairy products using multiple mass spectrometry. Food Chemistry, 2019, 279, 1-11.	4.2	13
18	Sensitive Determination of Four Polypeptide Antibiotic Residues in Milk Powder by High Performance Liquid Chromatographyâ€“Electrospray Tandem Mass Spectrometry. Chromatographia, 2019, 82, 1479-1487.	0.7	11

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19	Analysis of 27 Î²-Blockers and Metabolites in Milk Powder by High Performance Liquid Chromatography Coupled to Quadrupole Orbitrap High-Resolution Mass Spectrometry. Molecules, 2019, 24, 820.	1.7	11
20	Determination of 14 heterocyclic aromatic amines in meat products using solidâ€phase extraction and supercritical fluid chromatography coupled to triple quadrupole mass spectrometry. Journal of Separation Science, 2020, 43, 1372-1381.	1.3	10
21	A high-accuracy screening method of 44 cephalosporins in meat using liquid chromatography quadrupole-orbitrap hybrid mass spectrometry. Analytical Methods, 2017, 9, 6534-6548.	1.3	9
22	Facile synthesis of a novel magnetic covalent organic frameworks for extraction and determination of five fungicides in Chinese herbal medicines. Journal of Separation Science, 2022, 45, 2344-2355.	1.3	8
23	Targeted analysis of six emerging derivatives or metabolites together with 25 common macrolides in milk using Quick, Easy, Cheap, Effective, Rugged and Safe extraction and ultraâ€performance liquid chromatography quadrupole/electrostaticfield orbitrap mass spectrometry. Journal of Separation Science, 2020, 43, 3719-3734.	1.3	6
24	Simultaneous determination of 17 bisphenols in polycarbonate by ultraâ€high performance supercritical fluid chromatography with tandem mass spectrometry. Journal of Separation Science, 2019, 42, 2578-2586.	1.3	5
25	Determination of 22 alternative plasticizers in wrap film by solid phase extraction and ultra-high performance supercritical fluid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2022, 1669, 462916.	1.8	5
26	Realâ€time traceability of sorghum origin by soldering ironâ€based rapid evaporative ionization mass spectrometry and chemometrics. Electrophoresis, 2022, 43, 1841-1849.	1.3	3
27	Simultaneous Detection of Eight Prohibited Flavor Compounds in Foodstuffs Using Gas Chromatographyâ€“Tandem Mass Spectrometry. Journal of Food Protection, 2019, 82, 331-338.	0.8	2
28	Determination of exogenous prohibited flavour compounds added in coffee using gas chromatography triple quadrupole tandem massspectrometry and gas chromatography/combustion/isotope ratio mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 2011-2022.	1.1	2
29	A holistic strategy for discovering structural analogues of drug residues in meat using characteristic structural fragments filtering by high-resolution Orbitrap mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 81-94.	1.1	2
30	An accurate, rapid, and sensitive method for simultaneous determination of four typical heterocyclic amines in roasted pork patties: Application in the study of inhibitory effects of astaxanthin. Journal of Separation Science, 2021, 44, 1833-1842.	1.3	2