

Xue-Song Feng

List of Publications by Year in descending order

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949
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#	ARTICLE	IF	CITATIONS
1	Capsaicinoids in Food: An Update on Pretreatment and Analysis Methods since 2010. <i>Critical Reviews in Analytical Chemistry</i> , 2024, 54, 73-92.	1.8	2
2	Sample Preparation and Analytical Methods for Steroid Hormones in Environmental and Food Samples: An Update Since 2012. <i>Critical Reviews in Analytical Chemistry</i> , 2023, 53, 69-87.	1.8	9
3	Aminoglycosides in Food: Recent Updates on the Pretreatment and Analysis Methods. <i>Food Reviews International</i> , 2023, 39, 2378-2408.	4.3	3
4	Technical Overview of Orbitrap High Resolution Mass Spectrometry and Its Application to the Detection of Small Molecules in Food (Update Since 2012). <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 593-626.	1.8	15
5	Progress in the Pretreatment and Analysis of Flavonoids: An Update since 2013. <i>Separation and Purification Reviews</i> , 2022, 51, 11-37.	2.8	9
6	Tissue distribution study of perfluorooctanoic acid in exposed zebrafish using MALDI mass spectrometry imaging. <i>Environmental Pollution</i> , 2022, 293, 118505.	3.7	10
7	Construction of a magnetic covalent organic framework for magnetic solid-phase extraction of AFM1 and AFM2 in milk prior to quantification by LC-MS/MS. <i>Mikrochimica Acta</i> , 2022, 189, 149.	2.5	8
8	Determination of 22 alternative plasticizers in wrap film by solid phase extraction and ultra-high performance supercritical fluid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1669, 462916.	1.8	5
9	Unsymmetrical dimethylhydrazine and related compounds in the environment: Recent updates on pretreatment, analysis, and removal techniques. <i>Journal of Hazardous Materials</i> , 2022, 432, 128708.	6.5	19
10	Lipidomics Profiling of HepG2 Cells and Interference by Mycotoxins Based on UPLC-TOF-IMS. <i>Analytical Chemistry</i> , 2022, 94, 6719-6727.	3.2	4
11	Progress in the pretreatment and analysis of N-nitrosamines: an update since 2010. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 3626-3660.	5.4	12
12	The distribution and changes of glycoalkaloids in potato tubers under different storage time based on MALDI-TOF mass spectrometry imaging. <i>Talanta</i> , 2021, 221, 121453.	2.9	29
13	A holistic strategy for discovering structural analogues of drug residues in meat using characteristic structural fragments filtering by high-resolution Orbitrap mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 81-94.	1.1	2
14	Progress in Pretreatment and Analysis of Fatty Acids in Foods: An Update since 2012. <i>Separation and Purification Reviews</i> , 2021, 50, 203-222.	2.8	6
15	Progress in Pretreatment and Analysis of Cephalosporins: An Update Since 2005. <i>Critical Reviews in Analytical Chemistry</i> , 2021, 51, 55-86.	1.8	18
16	Cannabinoids: Recent Updates on Public Perception, Adverse Reactions, Pharmacokinetics, Pretreatment Methods and Their Analysis Methods. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-26.	1.8	3
17	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. <i>Journal of Separation Science</i> , 2021, 44, 1833-1842.	1.3	2
18	An integrated method for monitoring thermal processing temperature of pork based on Q-Exactive mass spectrometry and chemometrics. <i>Journal of Chromatography A</i> , 2021, 1644, 462083.	1.8	3

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19	Pretreatment and determination methods for benzimidazoles: An update since 2005. <i>Journal of Chromatography A</i> , 2021, 1644, 462068.	1.8	8
20	Multi-marker scans coupled to high-resolution mass spectrometry strategy for global profiling combined with structure recognition of unknown trace chlorogenic acids in <i>Lonicera Flos</i> . <i>Talanta</i> , 2021, 226, 122134.	2.9	5
21	Prodrug-type antisense oligonucleotides with enhanced nuclease stability and anti-tumour effects. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 162, 105832.	1.9	5
22	Progress in pretreatment and analysis of organic Acids: An update since 2010. <i>Food Chemistry</i> , 2021, 360, 129977.	4.2	16
23	Nicotine in Complex Samples: Recent Updates on the Pretreatment and Analysis Method.. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-30.	1.8	0
24	The Application of Supercritical Fluid Chromatography in Food Quality and Food Safety: An Overview. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 136-160.	1.8	19
25	Pharmacokinetics and Tissue Distribution of Anwuligan in Rats after Intravenous and Intra-gastric Administration by Liquid Chromatography-Mass Spectrometry. <i>Molecules</i> , 2020, 25, 39.	1.7	4
26	Magnetic solid phase extraction sorbents using methyl-parathion and quinalphos dual-template imprinted polymers coupled with GC-MS for class-selective extraction of twelve organophosphorus pesticides. <i>Mikrochimica Acta</i> , 2020, 187, 503.	2.5	34
27	A review of pretreatment and analysis of macrolides in food (Update Since 2010). <i>Journal of Chromatography A</i> , 2020, 1634, 461662.	1.8	13
28	Determination of 14 heterocyclic aromatic amines in meat products using solid-phase extraction and supercritical fluid chromatography coupled to triple quadrupole mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 1372-1381.	1.3	10
29	A review of pretreatment and analytical methods of biogenic amines in food and biological samples since 2010. <i>Journal of Chromatography A</i> , 2019, 1605, 360361.	1.8	49
30	Supercritical fluid chromatography—a technical overview and its applications in medicinal plant analysis: an update covering 2012–2018. <i>Analyst, The</i> , 2019, 144, 5324-5352.	1.7	21
31	Interaction Effects between Doxorubicin and Hernandezine on the Pharmacokinetics by Liquid Chromatography Coupled with Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3622.	1.7	4
32	Pharmacokinetics and Tissue Distribution of Alnustone in Rats after Intravenous Administration by Liquid Chromatography-Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3183.	1.7	5
33	Effects of Polymer/Surfactant as Carriers on the Solubility and Dissolution of Fenofibrate Solid Dispersion. <i>AAPS PharmSciTech</i> , 2019, 20, 102.	1.5	13
34	Role of N6-methyladenosine modification in cancer. <i>Current Opinion in Genetics and Development</i> , 2018, 48, 1-7.	1.5	178
35	A Review of the Extraction and Determination Methods of Thirteen Essential Vitamins to the Human Body: An Update from 2010. <i>Molecules</i> , 2018, 23, 1484.	1.7	105
36	Determination of a novel anticancer AMPK activator hernandezine in rat plasma and tissues with a validated UHPLC–MS/MS method: Application to pharmacokinetics and tissue distribution study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 141, 132-139.	1.4	11

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37	Chemical constituents of <i>Eleutherococcus sessiliflorus</i> extract and its sedative-hypnotic effect. <i>Natural Product Research</i> , 2017, 31, 1995-2000.	1.0	9
38	Selection of possible signature peptides for the detection of bovine lactoferrin in infant formulas by LC-MS/MS. <i>PLoS ONE</i> , 2017, 12, e0184152.	1.1	9
39	Four new diterpenoids isolated from the <i>Euphorbia rapulum</i> . <i>Journal of Asian Natural Products Research</i> , 2016, 18, 823-830.	0.7	3
40	Simultaneous determination and pharmacokinetics of four triterpenoids by ultra high performance liquid chromatography with tandem mass spectrometry after the oral administration of <i>Acanthopanax sessiliflorus</i> (Rupr. et Maxim) Seem extract. <i>Journal of Separation Science</i> , 2016, 39, 2229-2237.	1.3	8
41	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. <i>Journal of Chromatography A</i> , 2016, 1432, 132-139.	1.8	31
42	In silico Analysis and Experimental Validation of Lignan Extracts from <i>Kadsura longipedunculata</i> for Potential 5-HT1AR Agonists. <i>PLoS ONE</i> , 2015, 10, e0130055.	1.1	10
43	Source, Sample Preparation, Analytical and Inhibition Methods of Polycyclic Aromatic Hydrocarbons in Food (Update since 2015). <i>Separation and Purification Reviews</i> , 0, , 1-25.	2.8	1
44	Cocaine in Different Matrices: Recent Updates on Pretreatment and Detection Techniques. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-20.	1.8	2