

Yuan Zhang

List of Publications by Year in descending order

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71
all docs

71
docs citations

71
times ranked

1446
citing authors

#	ARTICLE	IF	CITATIONS
1	Capsaicinoids in Food: An Update on Pretreatment and Analysis Methods since 2010. Critical Reviews in Analytical Chemistry, 2024, 54, 73-92.	3.5	2
2	Aminoglycosides in Food: Recent Updates on the Pretreatment and Analysis Methods. Food Reviews International, 2023, 39, 2378-2408.	8.4	3
3	Technical Overview of Orbitrap High Resolution Mass Spectrometry and Its Application to the Detection of Small Molecules in Food (Update Since 2012). Critical Reviews in Analytical Chemistry, 2022, 52, 593-626.	3.5	15
4	Progress in the Pretreatment and Analysis of Flavonoids: An Update since 2013. Separation and Purification Reviews, 2022, 51, 11-37.	5.5	9
5	Background levels of OCPs, PCBs, and PAHs in soils from the eastern Pamirs, China, an alpine region influenced by westerly atmospheric transport. Journal of Environmental Sciences, 2022, 115, 453-464.	6.1	16
6	Multi-Omics Investigations Revealed Underlying Molecular Mechanisms Associated With Tumor Stiffness and Identified Sunitinib as a Potential Therapy for Reducing Stiffness in Pituitary Adenomas. Frontiers in Cell and Developmental Biology, 2022, 10, 820562.	3.7	1
7	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.	3.7	5
8	Level, source, and distribution of organochlorine pesticides (OCPs) in agricultural soils of Tanzania. Environmental Monitoring and Assessment, 2022, 194, 19.	2.7	9
9	Distribution and Potential Sources of OCPs and PAHs in Waters from the Danshui River Basin in Yichang, China. International Journal of Environmental Research and Public Health, 2022, 19, 263.	2.6	12
10	Lipidomics Profiling of HepG2 Cells and Interference by Mycotoxins Based on UPLC-TOF-IMS. Analytical Chemistry, 2022, 94, 6719-6727.	6.5	4
11	Multimedia distribution of polycyclic aromatic hydrocarbons in the Wang Lake Wetland, China. Environmental Pollution, 2022, 306, 119358.	7.5	18
12	Progress in the pretreatment and analysis of N-nitrosamines: an update since 2010. Critical Reviews in Food Science and Nutrition, 2021, 61, 3626-3660.	10.3	12
13	Progress in Pretreatment and Analytical Methods of Coumarins: An Update since 2012 – A Review. Critical Reviews in Analytical Chemistry, 2021, 51, 1-24.	3.5	10
14	The distribution and changes of glycoalkaloids in potato tubers under different storage time based on MALDI-TOF mass spectrometry imaging. Talanta, 2021, 221, 121453.	5.5	29
15	Osimertinib for Chinese advanced non-small cell lung cancer patients harboring diverse EGFR exon 20 insertion mutations. Lung Cancer, 2021, 152, 39-48.	2.0	33
16	Progress in Pretreatment and Analysis of Fatty Acids in Foods: An Update since 2012. Separation and Purification Reviews, 2021, 50, 203-222.	5.5	6
17	Progress in Pretreatment and Analysis of Cephalosporins: An Update Since 2005. Critical Reviews in Analytical Chemistry, 2021, 51, 55-86.	3.5	18
18	Cannabinoids: Recent Updates on Public Perception, Adverse Reactions, Pharmacokinetics, Pretreatment Methods and Their Analysis Methods. Critical Reviews in Analytical Chemistry, 2021, , 1-26.	3.5	3

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19	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.	2.5	2
20	An Overview of Pretreatment and Analysis of Nucleotides in Different Samples (Update since 2010). <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-20.	3.5	0
21	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.	3.7	3
22	Cysteine enhanced degradation of monochlorobenzene in groundwater by ferrous iron/persulfate process: Impacts of matrix species and toxicity evaluation in ISCO. <i>Chemosphere</i> , 2021, 271, 129520.	8.2	8
23	Do dissipation and transformation of β -HCH and p,p'-DDT in soil respond to a proxy for climate change? Insights from a field study on the eastern Tibetan Plateau. <i>Environmental Pollution</i> , 2021, 278, 116824.	7.5	11
24	Magnetic poly(β -cyclodextrin) combined with solubilizing agents for the rapid bioaccessibility measurement of polycyclic aromatic hydrocarbons in soils. <i>Environmental Pollution</i> , 2021, 291, 118260.	7.5	3
25	Progress in the pretreatment and analysis of carbohydrates in food: An update since 2013. <i>Journal of Chromatography A</i> , 2021, 1655, 462496.	3.7	6
26	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.	3.5	19
27	Design, synthesis, and biological evaluation of novel substituted thiourea derivatives as potential anticancer agents for NSCLC by blocking K-Ras protein-effectors interactions. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 344-353.	5.2	14
28	Pharmacokinetics and Tissue Distribution of Anwuligan in Rats after Intravenous and Intragastric Administration by Liquid Chromatography-Mass Spectrometry. <i>Molecules</i> , 2020, 25, 39.	3.8	4
29	Formation of non-extractable residues as a potentially dominant process in the fate of PAHs in soil: Insights from a combined field and modeling study on the eastern Tibetan Plateau. <i>Environmental Pollution</i> , 2020, 267, 115383.	7.5	9
30	How persistent are POPs in remote areas? A case study of DDT degradation in the Qinghai-Tibet Plateau, China. <i>Environmental Pollution</i> , 2020, 263, 114574.	7.5	17
31	Magnetic solid-phase extraction as a novel method for the prediction of the bioaccessibility of polycyclic aromatic hydrocarbons. <i>Science of the Total Environment</i> , 2020, 728, 138789.	8.0	12
32	Historical residues of organochlorine pesticides (OCPs) and polycyclic aromatic hydrocarbons (PAHs) in a flood sediment profile from the Longwang Cave in Yichang, China. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110542.	6.0	35
33	Simultaneous determination of formononetin, biochanin A and their active metabolites in human breast milk, saliva and urine using salting-out assisted liquid-liquid extraction and ultra high performance liquid chromatography-electrospray ionization tandem mass spectrum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1145, 122108.	2.3	12
34	Population Pharmacokinetics and Exposure-Safety Relationship of Paclitaxel Liposome in Patients With Non-small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1731.	2.8	7
35	Carboxypeptidase β 4 promotes migration and invasion of lung cancer cells, and is closely associated with lymph node metastasis. <i>Precision Radiation Oncology</i> , 2019, 3, 44-51.	1.1	0
36	An analytical strategy for accurate, rapid and sensitive quantitative analysis of isoflavones in traditional Chinese medicines using ultra-high performance supercritical fluid chromatography: Take <i>Radix Puerariae</i> as an example. <i>Journal of Chromatography A</i> , 2019, 1606, 460385.	3.7	19

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37	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.	3.7	49
38	Supercritical fluid chromatography—a technical overview and its applications in medicinal plant analysis: an update covering 2012–2018. <i>Analyst</i> , The, 2019, 144, 5324-5352.	3.5	21
39	Interaction Effects between Doxorubicin and Hernandezine on the Pharmacokinetics by Liquid Chromatography Coupled with Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3622.	3.8	4
40	Pharmacokinetics and Tissue Distribution of Alnustone in Rats after Intravenous Administration by Liquid Chromatography-Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3183.	3.8	5
41	Simultaneous determination of 17 bisphenols in polycarbonate by ultra-high performance supercritical fluid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2019, 42, 2578-2586.	2.5	5
42	Design and synthesis a mitochondria-targeted dihydronicotinamide as radioprotector. <i>Free Radical Biology and Medicine</i> , 2019, 136, 45-51.	2.9	9
43	Two-way long-range atmospheric transport of organochlorine pesticides (OCPs) between the Yellow River source and the Sichuan Basin, Western China. <i>Science of the Total Environment</i> , 2019, 651, 3230-3240.	8.0	31
44	MEOX1 Promotes Tumor Progression and Predicts Poor Prognosis in Human Non-Small-Cell Lung Cancer. <i>International Journal of Medical Sciences</i> , 2019, 16, 68-74.	2.5	11
45	Fine particle-bound polycyclic aromatic hydrocarbons (PAHs) at an urban site of Wuhan, central China: Characteristics, potential sources and cancer risks apportionment. <i>Environmental Pollution</i> , 2019, 246, 319-327.	7.5	96
46	Sources and transformation pathways for dichlorodiphenyltrichloroethane (DDT) and metabolites in soils from Northwest Fujian, China. <i>Environmental Pollution</i> , 2018, 235, 560-570.	7.5	34
47	Rapid preparation of methyltrimethoxy-modified magnetic mesoporous silica as an effective solid-phase extraction adsorbent. <i>Journal of Separation Science</i> , 2018, 41, 669-677.	2.5	16
48	The peripheral blood neutrophil-to-lymphocyte ratio is a prognostic predictor for survival of EGFR-mutant nonsmall cell lung cancer patients treated with EGFR-TKIs. <i>Medicine (United States)</i> , 2018, 97, e11648.	1.0	28
49	An Accurate and Effective Method for Measuring Osimertinib by UPLC-TOF-MS and Its Pharmacokinetic Study in Rats. <i>Molecules</i> , 2018, 23, 2894.	3.8	10
50	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.	3.8	105
51	Biomass burning contributed most to the human cancer risk exposed to the soil-bound PAHs from Chengdu Economic Region, western China. <i>Ecotoxicology and Environmental Safety</i> , 2018, 159, 63-70.	6.0	59
52	Facile preparation of hexadecyl-functionalized magnetic core-shell microsphere for the extraction of polychlorinated biphenyls in environmental waters. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3337-3346.	3.7	14
53	Simple, rapid, and environmentally friendly method for the separation of isoflavones using ultra-high performance supercritical fluid chromatography. <i>Journal of Separation Science</i> , 2017, 40, 2827-2837.	2.5	15
54	Comparison of gas chromatography-mass spectrometry and gas chromatography-tandem mass spectrometry with electron ionization for determination of N-nitrosamines in environmental water. <i>Chemosphere</i> , 2017, 168, 1400-1410.	8.2	31

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55	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1061-1062, 411-420.	2.3	40
56	Simultaneous Determination of Coumarin and Its Derivatives in Tobacco Products by Liquid Chromatography-Tandem Mass Spectrometry. <i>Molecules</i> , 2016, 21, 1511.	3.8	20
57	Simultaneous determination of 22 cephalosporins drug residues in pork muscle using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1022, 298-307.	2.3	27
58	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. <i>Journal of Chromatography A</i> , 2016, 1446, 59-69.	3.7	18
59	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.	3.7	31
60	Organochlorine pesticide residues in surface water from Sichuan Basin to Aba Prefecture profile, east of the Tibetan Plateau. <i>Frontiers of Earth Science</i> , 2015, 9, 248-258.	2.1	7
61	Overexpression of Mitofilin in the Mouse Heart Promotes Cardiac Hypertrophy in Response to Hypertrophic Stimuli. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1693-1707.	5.4	14
62	Genes under positive selection in <i>Mycobacterium tuberculosis</i> . <i>Computational Biology and Chemistry</i> , 2011, 35, 319-322.	2.3	13
63	Cardiac-specific overexpression of E3 ligase Nrdp1 increases ischemia and reperfusion-induced cardiac injury. <i>Basic Research in Cardiology</i> , 2011, 106, 371-383.	5.9	54
64	Overexpression of Nrdp1 in the Heart Exacerbates Doxorubicin-Induced Cardiac Dysfunction in Mice. <i>PLoS ONE</i> , 2011, 6, e21104.	2.5	38
65	e0003 Cardiac-specific expression of E3 ligase Nrdp1 increases ischaemia and reperfusion-induced cardiac injury in transgenic mice. <i>Heart</i> , 2010, 96, A1-A1.	2.9	0
66	Influence of environmental variables on spatial distribution of organochlorine pesticides in Sichuan, West China. <i>Environmental Earth Sciences</i> , 2009, 59, 215-222.	2.7	14
67	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.	5.5	1
68	Cocaine in Different Matrices: Recent Updates on Pretreatment and Detection Techniques. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-20.	3.5	2