

Wenfeng Zhou

List of Publications by Year in descending order

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70
papers

1,929
citations

201674

27
h-index

276875

41
g-index

70
all docs

70
docs citations

70
times ranked

1508
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic retrieval of ionic liquids: Fast dispersive liquid-liquid microextraction for the determination of benzoylurea insecticides in environmental water samples. <i>Journal of Chromatography A</i> , 2012, 1254, 23-29.	3.7	115
2	Deep eutectic solvent-based ultrasound-assisted dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography for the determination of ultraviolet filters in water samples. <i>Journal of Chromatography A</i> , 2017, 1516, 1-8.	3.7	93
3	Use of magnetic effervescent tablet-assisted ionic liquid dispersive liquid-liquid microextraction to extract fungicides from environmental waters with the aid of experimental design methodology. <i>Analytica Chimica Acta</i> , 2016, 906, 118-127.	5.4	85
4	Facile synthesis of multifunctional attapulgite/Fe ₃ O ₄ /polyaniline nanocomposites for magnetic dispersive solid phase extraction of benzoylurea insecticides in environmental water samples. <i>Analytica Chimica Acta</i> , 2016, 934, 114-121.	5.4	72
5	In-syringe dispersive liquid-liquid microextraction based on the solidification of ionic liquids for the determination of benzoylurea insecticides in water and tea beverage samples. <i>Talanta</i> , 2017, 162, 625-633.	5.5	69
6	Using β -cyclodextrin/attapulgite-immobilized ionic liquid as sorbent in dispersive solid-phase microextraction to detect the benzoylurea insecticide contents of honey and tea beverages. <i>Food Chemistry</i> , 2016, 197, 1064-1072.	8.2	66
7	Enantioselective degradation of fipronil in Chinese cabbage (<i>Brassica pekinensis</i>). <i>Food Chemistry</i> , 2008, 110, 399-405.	8.2	65
8	Centrifuge-less dispersive liquid-liquid microextraction base on the solidification of switchable solvent for rapid on-site extraction of four pyrethroid insecticides in water samples. <i>Journal of Chromatography A</i> , 2016, 1472, 1-9.	3.7	60
9	Attapulgite modified magnetic metal-organic frameworks for magnetic solid phase extraction and determinations of benzoylurea insecticides in tea infusions. <i>Food Chemistry</i> , 2020, 317, 126425.	8.2	54
10	Vortex-assisted magnetic β -cyclodextrin/attapulgite-linked ionic liquid dispersive liquid-liquid microextraction coupled with high-performance liquid chromatography for the fast determination of four fungicides in water samples. <i>Journal of Chromatography A</i> , 2015, 1381, 37-47.	3.7	50
11	Effervescence-assisted β -cyclodextrin/attapulgite composite for the in-syringe dispersive solid-phase extraction of pyrethroids in environmental water samples. <i>Talanta</i> , 2016, 153, 353-359.	5.5	49
12	In-situ metathesis reaction combined with ultrasound-assisted ionic liquid dispersive liquid-liquid microextraction method for the determination of phenylurea pesticides in water samples. <i>Talanta</i> , 2012, 98, 145-151.	5.5	48
13	A dispersive magnetic solid phase microextraction based on ionic liquid-coated and cyclodextrin-functionalized magnetic core dendrimer nanocomposites for the determination of pyrethroids in juice samples. <i>Food Chemistry</i> , 2018, 268, 485-491.	8.2	46
14	Application of ionic liquids for liquid-liquid microextraction. <i>Analytical Methods</i> , 2013, 5, 5376.	2.7	43
15	β -CD/ATP composite materials for use in dispersive solid-phase extraction to measure (fluoro)quinolone antibiotics in honey samples. <i>Analytica Chimica Acta</i> , 2015, 878, 131-139.	5.4	42
16	Ionic liquid-assisted liquid-phase microextraction based on the solidification of floating organic droplets combined with high performance liquid chromatography for the determination of benzoylurea insecticide in fruit juice. <i>Journal of Chromatography A</i> , 2014, 1360, 47-56.	3.7	41
17	Vortex-assisted deep eutectic solvent reversed-phase liquid-liquid microextraction of triazine herbicides in edible vegetable oils. <i>Journal of Chromatography A</i> , 2019, 1589, 10-17.	3.7	41
18	Dispersive liquid-liquid microextraction based on the solidification of deep eutectic solvent for the determination of benzoylureas in environmental water samples. <i>Journal of Separation Science</i> , 2017, 40, 4563-4570.	2.5	39

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19	In situ metathesis reaction combined with liquid-phase microextraction based on the solidification of sedimentary ionic liquids for the determination of pyrethroid insecticides in water samples. <i>Talanta</i> , 2015, 144, 98-104.	5.5	37
20	A rapid and simple pretreatment method for benzoylurea insecticides in honey samples using in-syringe dispersive liquid-liquid microextraction based on the direct solidification of ionic liquids. <i>Journal of Chromatography A</i> , 2016, 1471, 60-67.	3.7	37
21	Extraction of benzoylurea pesticides from tea and fruit juices using deep eutectic solvents. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1140, 121995.	2.3	35
22	Effervescence-assisted dispersive liquid-liquid microextraction based on the solidification of a floating ionic liquid with a special collection method for the rapid determination of benzoylurea insecticides in water samples. <i>RSC Advances</i> , 2016, 6, 95283-95291.	3.6	34
23	Detection of triazole pesticides in environmental water and juice samples using dispersive liquid-liquid microextraction with solidified sedimentary ionic liquids. <i>New Journal of Chemistry</i> , 2016, 40, 4696-4704.	2.8	33
24	Magnetic mixed hemimicelles dispersive solid-phase extraction based on ionic liquid-coated attapulgite/polyaniline-polypyrrole/Fe ₃ O ₄ nanocomposites for determination of acaricides in fruit juice prior to high-performance liquid chromatography-diode array detection. <i>Talanta</i> , 2017, 166, 93-100.	5.5	33
25	Determination of benzoylurea insecticides in environmental water and honey samples using ionic-liquid-mingled air-assisted liquid-liquid microextraction based on solidification of floating organic droplets. <i>RSC Advances</i> , 2015, 5, 25572-25580.	3.6	32
26	Rapid analysis of fungicides in tea infusions using ionic liquid immobilized fabric phase sorptive extraction with the assistance of surfactant fungicides analysis using IL-FPSE assisted with surfactant. <i>Food Chemistry</i> , 2018, 239, 797-805.	8.2	32
27	PEG-modified magnetic Schiff base network-1 materials for the magnetic solid phase extraction of benzoylurea pesticides from environmental water samples. <i>Journal of Chromatography A</i> , 2020, 1619, 460950.	3.7	32
28	Magnetic nanoparticles modified with hyperbranched polyamidoamine for the extraction of benzoylurea insecticides prior to their quantitation by HPLC. <i>Mikrochimica Acta</i> , 2019, 186, 351.	5.0	28
29	Determination of triazole pesticides in rat blood by the combination of ultrasound-enhanced temperature-controlled ionic liquid dispersive liquid-liquid microextraction coupled to high-performance liquid chromatography. <i>Analytical Methods</i> , 2013, 5, 2241.	2.7	27
30	Dispersive micro-solid-phase extraction of benzoylurea insecticides in honey samples with a β -cyclodextrin-modified attapulgite composite as sorbent. <i>Journal of Separation Science</i> , 2016, 39, 412-418.	2.5	24
31	In situ solvent formation microextraction combined with magnetic dispersive micro-solid-phase extraction for the determination of benzoylurea insecticides in water samples. <i>Journal of Separation Science</i> , 2017, 40, 442-448.	2.5	24
32	Ionic liquid-type surfactant modified attapulgite as a novel and efficient dispersive solid phase material for fast determination of pyrethroids in tea drinks. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1089, 70-77.	2.3	23
33	Control of Biohazards: A High Performance Energetic Polycyclized Iodine-Containing Biocide. <i>Inorganic Chemistry</i> , 2018, 57, 8673-8680.	4.0	23
34	Effervescence-assisted dispersive solid-phase extraction using ionic-liquid-modified magnetic β -cyclodextrin/attapulgite coupled with high-performance liquid chromatography for fungicide detection in honey and juice. <i>Journal of Separation Science</i> , 2016, 39, 4422-4428.	2.5	20
35	Magnetic solid-phase extraction of benzoylurea insecticides in tea samples with Fe ₃ O ₄ -hyperbranched polyester magnetic composite as sorbent. <i>Journal of Separation Science</i> , 2019, 42, 1610-1619.	2.5	20
36	Hydrophobic deep eutectic solvents based membrane emulsification-assisted liquid-phase microextraction method for determination of pyrethroids in tea beverages. <i>Journal of Chromatography A</i> , 2020, 1623, 461204.	3.7	20

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37	Pipette vial dispersive liquid-liquid microextraction combined with high-performance liquid chromatography for the determination of benzoylurea insecticide in fruit juice. <i>Journal of Separation Science</i> , 2016, 39, 391-398.	2.5	18
38	Dispersive solid-phase extraction based on β -cyclodextrin grafted hyperbranched polymers for determination of pyrethroids in environmental water samples. <i>Microchemical Journal</i> , 2019, 150, 104164.	4.5	18
39	In-syringe low-density ionic liquid dispersive liquid-liquid microextraction for the fast determination of pyrethroid insecticides in environmental water samples by HPLC-DAD. <i>RSC Advances</i> , 2016, 6, 69218-69225.	3.6	17
40	Liquid phase microextraction based on the solidification of a floating ionic liquid combined with high-performance liquid chromatography for the preconcentration of phthalate esters in environmental waters and in bottled beverages. <i>RSC Advances</i> , 2016, 6, 36223-36230.	3.6	16
41	Ultrasound-assisted, hybrid ionic liquid, dispersive liquid-liquid microextraction for the determination of insecticides in fruit juices based on partition coefficients. <i>Journal of Separation Science</i> , 2017, 40, 3513-3521.	2.5	16
42	Determination of four pyrethroid insecticides in water samples through membrane emulsification-assisted liquid-liquid microextraction based on solidification of floating organic droplets. <i>Journal of Chromatography A</i> , 2018, 1559, 86-94.	3.7	16
43	Ionic liquid-modified luffa sponge fibers for dispersive solid-phase extraction of benzoylurea insecticides from water and tea beverage samples. <i>New Journal of Chemistry</i> , 2018, 42, 8791-8799.	2.8	15
44	Magnetic Solid-Phase Extraction of Dichlorodiphenyltrichloroethane and Its Metabolites from Environmental Water Samples Using Ionic Liquid Modified Magnetic Multiwalled Carbon Nanotube/Zeoletic Imidazolate Framework-8 as Sorbent. <i>Molecules</i> , 2019, 24, 2758.	3.8	15
45	Rapid determination of the pesticide ametryn based on a colorimetric aptasensor of gold nanoparticles. <i>Analytical Methods</i> , 2020, 12, 1919-1925.	2.7	14
46	USE OF IONIC LIQUID-BASED DISPERSIVE LIQUID-LIQUID MICROEXTRACTION AND HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY TO DETECT FORMALDEHYDE IN AIR, WATER, AND SOIL SAMPLES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 815-828.	1.0	13
47	Synthesis, Characterization and Energetic Properties of 1,3,4-Oxadiazoles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5183-5188.	2.4	13
48	Preparation of magnetic attapulgite/polypyrrole nanocomposites for magnetic effervescence-assisted dispersive solid-phase extraction of pyrethroids from honey samples. <i>Journal of Separation Science</i> , 2020, 43, 2419-2428.	2.5	13
49	Formation of organic chloramines during chlorination of 18 compounds. <i>Water Research</i> , 2021, 204, 117570.	11.3	13
50	Ultrasound-assisted emulsification magnetic microextraction: a fast and green method for the determination of triazole fungicides in fruit juice. <i>Analytical Methods</i> , 2014, 6, 8328-8336.	2.7	12
51	Colorimetric assay based on arginine-functionalized gold nanoparticles for the detection of dibutyl phthalate in Baijiu samples. <i>Analytical Methods</i> , 2021, 13, 5179-5186.	2.7	12
52	Directly suspended-solidified floating organic droplets for the determination of fungicides in water and honey samples. <i>Analytical Methods</i> , 2014, 6, 7510-7517.	2.7	11
53	Synthesis and Properties of Energetic 1,2,4-Oxadiazoles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7468-7474.	2.4	11
54	Dispersive micro-solid-phase extraction of benzoylurea insecticides in water samples with hyperbranched polyester composite as sorbent. <i>New Journal of Chemistry</i> , 2018, 42, 13978-13984.	2.8	11

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55	Volatile organic chloramines formation during ClO ₂ treatment. <i>Journal of Environmental Sciences</i> , 2020, 92, 256-263.	6.1	10
56	Phenylboronic acid- β -cyclodextrin functionalized cross-linked chitosan magnetic adsorbents for the magnetic solid-phase extraction of benzoylurea pesticides. <i>Journal of Separation Science</i> , 2022, 45, 908-918.	2.5	10
57	Magnetic zinc oxide nanoflower-assisted ionic liquid-based nanofluid dispersive liquid-liquid microextraction for the rapid determination of acaricides in tea infusions. <i>RSC Advances</i> , 2016, 6, 111982-111992.	3.6	9
58	Dispersive micro-solid phase extraction based on a graphene/polydopamine composite for the detection of pyrethroids in water samples. <i>Analytical Methods</i> , 2020, 12, 3115-3122.	2.7	9
59	Slow-Injection Ultrasound-Assisted Emulsification- β -Cyclodextrin Microextraction for Determination of Phthalate Esters in Water. <i>Journal of Chromatographic Science</i> , 2014, 52, 1127-1134.	1.4	8
60	The extraction of pyrethroid insecticides in juice and tea beverages by liquid-phase microextraction using deep eutectic solvents. <i>Analytical Methods</i> , 2019, 11, 4923-4930.	2.7	8
61	Free chlorine formation in the process of the chlorine dioxide oxidation of aliphatic amines. <i>Water Research</i> , 2022, 217, 118399.	11.3	8
62	Study on the adsorption mechanism of benzoylurea insecticides onto modified hyperbranched polysilicon materials. <i>RSC Advances</i> , 2020, 10, 28664-28673.	3.6	5
63	Hyperbranched aromatic polyamide modified magnetic nanoparticles for the extraction of benzoylurea insecticides. <i>Journal of Separation Science</i> , 2021, 44, 1931-1938.	2.5	5
64	Phosphonium-based deep eutectic solvent coupled with vortex-assisted liquid-liquid microextraction for the determination of benzoylurea insecticides in olive oil. <i>Journal of Separation Science</i> , 2021, 44, 1529-1536.	2.5	5
65	Humic acid functionalized hyperbranched polytriazine based dispersive solid-phase extraction for acaricides determination in tea matrix. <i>Journal of Separation Science</i> , 2020, 43, 496-504.	2.5	3
66	1-Octyl-3-methylimidazolium hexafluorophosphate-functionalised magnetic poly- β -cyclodextrin for magnetic solid-phase extraction of pyrethroids from tea infusions. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021, 38, 1-12.	2.3	2
67	Perfluoro octanoic acid-modified magnetic hyperbranched polyamideamine as a sorbent for the extraction of fluorine-containing pesticides from water samples. <i>Journal of Separation Science</i> , 2021, 44, 3830-3839.	2.5	1
68	HEATS OF FORMATION FOR BORON COMPOUNDS BASED ON QUANTUM CHEMICAL CALCULATIONS. <i>Journal of Theoretical and Computational Chemistry</i> , 2010, 09, 1009-1019.	1.8	0
69	Use of 1-octyl-3-methylimidazole hexafluorophosphate modified magnetic hyperbranched polyamideamine as sorbent for the extraction of pyrethroid insecticides from tea infusion. <i>Journal of Separation Science</i> , 2021, 44, 2957-2964.	2.5	0
70	An enhanced dispersive liquid-liquid microextraction based on solidification of floating organic drop for the determination of pyrethroid pesticides in tea infusions. <i>New Journal of Chemistry</i> , 0, , .	2.8	0