Ziming Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

34	1,115	394421	395702
papers	citations	19	33
		h-index	g-index

35	35	35	1286
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved solvent-free microwave extraction of essential oil from dried Cuminum cyminum L. and Zanthoxylum bungeanum Maxim.. Journal of Chromatography A, 2006, 1102, 11-17.	3.7	151
2	Ionic liquid-based microwave-assisted dispersive liquidâ€“liquid microextraction and derivatization of sulfonamides in river water, honey, milk, and animal plasma. Analytica Chimica Acta, 2011, 707, 92-99.	5.4	110
3	Determination of formaldehyde in beverages using microwave-assisted derivatization and ionic liquid-based dispersive liquidâ€“liquid microextraction followed by high-performance liquid chromatography. Talanta, 2011, 85, 2632-2638.	5.5	94
4	Application of multiwall carbon nanotubes-based matrix solid phase dispersion extraction for determination of hormones in butter by gas chromatography mass spectrometry. Journal of Chromatography A, 2011, 1218, 5047-5054.	3.7	70
5	Application of magnetic solvent bar liquid-phase microextraction for determination of organophosphorus pesticides in fruit juice samples by gas chromatography mass spectrometry. Food Chemistry, 2015, 176, 197-204.	8.2	61
6	Rapid analysis of the essential oils from dried Illicium verum Hook. f. and Zingiber officinale Rosc. by improved solvent-free microwave extraction with three types of microwave-absorption medium. Analytical and Bioanalytical Chemistry, 2006, 386, 1863-1868.	3.7	56
7	Determination of hormones in milk by hollow fiber-based stirring extraction bar liquidâ€“liquid microextraction gas chromatography mass spectrometry. Analytica Chimica Acta, 2013, 790, 39-46.	5.4	48
8	An absorbing microwave micro-solid-phase extraction device used in non-polar solvent microwave-assisted extraction for the determination of organophosphorus pesticides. Analytica Chimica Acta, 2013, 760, 60-68.	5.4	44
9	Dynamic microwave-assisted extraction combined with continuous-flow microextraction for determination of pesticides in vegetables. Food Chemistry, 2016, 192, 596-602.	8.2	44
10	Disinfection and removal performance for Escherichia coli, toxic heavy metals and arsenic by wood vinegar-modified zeolite. Ecotoxicology and Environmental Safety, 2019, 174, 129-136.	6.0	40
11	Utilization of a novel microwave-assisted homogeneous ionic liquid microextraction method for the determination of Sudan dyes in red wines. Talanta, 2015, 135, 163-169.	5.5	38
12	Dynamic microwave-assisted extraction online coupled with single drop microextraction of organophosphorus pesticides in tea samples. Journal of Chromatography A, 2015, 1407, 42-51.	3.7	32
13	Determination of triazine herbicides in fresh vegetables by dynamic microwave-assisted extraction coupled with homogeneous ionic liquid microextraction high performance liquid chromatography. Analytical and Bioanalytical Chemistry, 2015, 407, 1753-1762.	3.7	31
14	Analysis of Volatile Compounds in the Pericarp of Zanthoxylum bungeanum Maxim. by Ultrasonic Nebulization Extraction Coupled with Headspace Single-Drop Microextraction and GCâ€“MS. Chromatographia, 2010, 71, 455-459.	1.3	28
15	An application of new microwave absorption tube in non-polar solvent microwave-assisted extraction of organophosphorus pesticides from fresh vegetable samples. Journal of Chromatography A, 2012, 1229, 6-12.	3.7	24
16	Medium-assisted non-polar solvent dynamic microwave extraction for determination of organophosphorus pesticides in cereals using gas chromatography-mass spectrometry. Food Chemistry, 2014, 162, 253-260.	8.2	23
17	A new method for comprehensive utilization of wood vinegar by distillation and liquidâ^liquid extraction. Process Biochemistry, 2018, 75, 194-201.	3.7	22
18	Microwaveâ€assisted liquidâ€“liquid microextraction based on solidification of ionic liquid for the determination of sulfonamides in environmental water samples. Journal of Separation Science, 2014, 37, 3533-3538.	2.5	20

#	Article	IF	Citations
19	Purification and enrichment of polycyclic aromatic hydrocarbons in environmental water samples by column clean-up coupled with continuous flow single drop microextraction. Journal of Chromatography A, 2018, 1567, 81-89.	3.7	20
20	Simultaneous Separation and Determination of 22 Coumarin Derivatives in Cosmetics by UPLC-MS/MS. Chromatographia, 2015, 78, 241-249.	1.3	18
21	Ionicâ€liquidâ€impregnated resin for the microwaveâ€assisted solidâ€“liquid extraction of triazine herbicides in honey. Journal of Separation Science, 2015, 38, 2953-2959.	2.5	17
22	Determination of Sudan Dyes in Juice Samples via Solidification of Ionic Liquid in Microwave-Assisted Liquid-Liquid Microextraction Followed by High-Performance Liquid Chromatography. Food Analytical Methods, 2016, 9, 2124-2132.	2.6	17
23	Characterization of Five Kinds of Wood Vinegar Obtained from Agricultural and Forestry Wastes and Identification of Major Antioxidants in Wood Vinegar. Chemical Research in Chinese Universities, 2019, 35, 12-20.	2.6	14
24	Integrated microwave processing system for the extraction of organophosphorus pesticides in fresh vegetables. Talanta, 2015, 134, 366-372.	5.5	13
25	Microwaveâ€accelerated derivatization prior to GCâ€MS determination of sex hormones. Journal of Separation Science, 2011, 34, 1455-1462.	2.5	12
26	Ultrasonic Extraction Coupled with Capillary Electrophoresis for the Determination of Azo Dyes in Lipsticks Using Ionic Liquid as Dynamic Coating and Background Electrolyte. Chinese Journal of Chemistry, 2011, 29, 147-152.	4.9	12
27	Determination of sulfonamides in butter samples by ionic liquid magnetic bar liquid-phase microextraction high-performance liquid chromatography. Analytical and Bioanalytical Chemistry, 2015, 407, 569-580.	3.7	12
28	Separation and Determination of Amino Acids by CE Using 1-Butyl-3-methylimidazolium-Based Ionic Liquid as Background Electrolyte. Chromatographia, 2009, 70, 825-830.	1.3	11
29	Microwave-assisted liquidâ€“liquid microextraction based on solidification of floating organic droplet for the determination of triazines in honey samples. Analytical Methods, 2015, 7, 9114-9120.	2.7	9
30	Microwave absorption mediumâ€assisted extraction coupled with reversedâ€phase dispersive liquidâ€“liquid microextraction of triazine herbicides in corn and soybean samples. Journal of Separation Science, 2020, 43, 4058-4066.	2.5	6
31	Separation and microencapsulation of antibacterial compounds from wood vinegar. Process Biochemistry, 2021, 110, 275-281.	3.7	6
32	Comprehensive analysis of fatty alcohol ethoxylates by ultra high pressure hydrophilic interaction chromatography coupled with ion mobility spectrometry mass spectrometry using a custom-designed sub-2 Î¼m column. Journal of Separation Science, 2015, 38, 2182-2191.	2.5	5
33	Preparation and characterization of two wood vinegars obtained from hull of spina date seed and shell of peanut. Chemical Research in Chinese Universities, 2017, 33, 348-353.	2.6	4
34	Supplemental Feeding of Laying Hens with Wood Vinegar to Decrease the Ratio of n-6 to n-3 Fatty Acids in Eggs. Chemical Research in Chinese Universities, 2019, 35, 983-989.	2.6	3