

Xiaolan Zhu

List of Publications by Year in descending order

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25
papers

683
citations

759233

12
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective solid-phase extraction using molecularly imprinted polymer for the analysis of polar organophosphorus pesticides in water and soil samples. <i>Journal of Chromatography A</i> , 2005, 1092, 161-169.	3.7	144
2	Films coated with molecular imprinted polymers for the selective stir bar sorption extraction of monocrotophos. <i>Journal of Chromatography A</i> , 2006, 1131, 37-44.	3.7	126
3	Fabrication of an efficient surface ion-imprinted polymer based on sandwich-like graphene oxide composite materials for fast and selective removal of lead ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 566, 218-228.	4.7	60
4	Determination of glucosamine in impure chitin samples by high-performance liquid chromatography. <i>Carbohydrate Research</i> , 2005, 340, 1732-1738.	2.3	56
5	Optimization of microwave-assisted solvent extraction for volatile organic acids in tobacco and its comparison with conventional extraction methods. <i>Analytica Chimica Acta</i> , 2006, 579, 88-94.	5.4	37
6	Molecularly imprinted polymer membranes for substance-selective solid-phase extraction from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2006, 101, 4468-4473.	2.6	36
7	Development of a Chromatographic Fingerprint of Tobacco Flavor by Use of GC and GC-MS. <i>Chromatographia</i> , 2009, 69, 735-742.	1.3	36
8	Quantitative and structure analysis of pectin in tobacco by ¹³ C CP/MAS NMR spectroscopy. <i>Analytical Methods</i> , 2014, 6, 6407-6413.	2.7	25
9	A comparative study of structure, thermal degradation, and combustion behavior of starch from different plant sources. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 132, 927-935.	3.6	25
10	Fabrication of recoverable magnetic surface ion-imprinted polymer based on graphene oxide for fast and selective removal of lead ions from aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126949.	4.7	24
11	Effect of starch-based flame retardant on the thermal degradation and combustion properties of reconstituted tobacco sheet. <i>Cellulose</i> , 2021, 28, 741-755.	4.9	15
12	Development of an Analytical Method Based on Accelerated Solvent Extraction, Solid-Phase Extraction Clean-Up, then GC-ECD for Analysis of Fourteen Organochlorine Pesticides in Cereal Crops. <i>Chromatographia</i> , 2011, 73, 385-391.	1.3	14
13	Ultrasound-assisted extraction followed by dispersive liquid-liquid microextraction before gas chromatography-mass spectrometry for the simultaneous determination of flavouring compounds in tobacco additives. <i>Analytical Methods</i> , 2012, 4, 995.	2.7	14
14	A new restriction effect of aging time on the shrinkage of ordered mesoporous carbon during carbonization. <i>RSC Advances</i> , 2012, 2, 5071.	3.6	11
15	Development of a sensitive method for the quantification of urinary 3-hydroxybenzo[a]pyrene by solid phase extraction, dansyl chloride derivatization and liquid chromatography-tandem mass spectrometry detection. <i>Analytical Methods</i> , 2014, 6, 6488-6493.	2.7	10
16	Research on degradation of cellulose using enzyme treatment in flue-cured tobacco by ¹³ C NMR spectroscopy. <i>Cellulose</i> , 2015, 22, 2693-2702.	4.9	9
17	Effects of ternary potassium containing intumescent flame retardant coating on the combustion and thermal degradation properties of reconstituted tobacco sheet. <i>Thermochimica Acta</i> , 2019, 678, 178310.	2.7	9
18	Fabrication of recoverable magnetic composite material based on graphene oxide for fast removal of lead and cadmium ions from aqueous solution. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1345-1357.	3.2	9

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19	Molecularly Imprinted Polymer for Monocrotophos and its Binding Characteristics for Organophosphorus Pesticides. <i>Annali Di Chimica</i> , 2005, 95, 877-885.	0.6	7
20	Quantitative and Structure Analysis of Cellulose in Tobacco by ¹³ C CP / MAS NMR Spectroscopy. <i>Beitrage Zur Tabakforschung International/ Contributions To Tobacco Research</i> , 2016, 27, 126-135.	0.3	4
21	Determination of Acroleinâ€Derived 3â€Hydroxypropylmercapturic Acid in Human Urine Using Solidâ€Phase Extraction Combined with Molecularly Imprinted Mesoporous Silica and LCâ€MS/MS Detection. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 227-232.	1.4	3
22	Simultaneous Structural and Quantitative Analysis of Starch from Flue- Cured Tobacco Leaves by ¹³ C CP/MAS NMR Spectroscopy. <i>Current Analytical Chemistry</i> , 2018, 14, 166-173.	1.2	3
23	Simultaneous Determination of Fifteen Polyphenols in Fruit Juice Using Ultrahigh-Performance Liquid Chromatography-Tandem Mass Spectrometry Combining Dispersive Liquid-Liquid Microextraction. <i>International Journal of Analytical Chemistry</i> , 2022, 2022, 1-12.	1.0	3
24	Pressurized Liquid Extraction Combined with Dispersive Liquidâ€Liquid Microâ€extraction as an Efficient Sample Preparation Method for Determination of Volatile Components in Tobacco. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 909-916.	1.4	2
25	Preparation and Thermal Analysis of Flame-retardant Chitosan Thin Films on Ammonium Polyphosphate Treated Reconstituted Tobacco Sheet. <i>Current Analytical Chemistry</i> , 2020, 16, 711-721.	1.2	1