Xiu-Juan Li

List of Publications by Year
in descending order

30	1,229	331259	454577
papers	citations	21 h-index	30 g-index

31	31	31	1332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation and characteristics of solâ€“gel-coated calix[4]arene fiber for solid-phase microextraction. Journal of Chromatography A, 2004, 1023, 15-25.	1.8	103
2	Determination of phthalate acid esters plasticizers in plastic by ultrasonic solvent extraction combined with solid-phase microextraction using calix[4]arene fiber. Talanta, 2004, 63, 1013-1019.	2.9	92
3	Molecularly imprinted calixarene fiber for solid-phase microextraction of four organophosphorous pesticides in fruits. Food Chemistry, 2016, 192, 260-267.	4.2	80
4	Development and application of an SPME/GC method for the determination of trace phthalates in beer using a calix[6]arene fiber. Analytica Chimica Acta, 2009, 641, 64-74.	2.6	77
5	High thermal-stable solâ€“gel-coated calix[4]arene fiber for solid-phase microextraction of chlorophenols. Analytica Chimica Acta, 2004, 509, 27-37.	2.6	72
6	Solâ€“gel molecularly imprinted polymer for selective solid phase microextraction of organophosphorous pesticides. Talanta, 2013, 115, 920-927.	2.9	67
7	Membrane fouling by the aggregations formed from oppositely charged organic foulants. Water Research, 2019, 159, 95-101.	5.3	66
8	Magnetic solid phase extraction based on magnetite/reduced graphene oxide nanoparticles for determination of trace isocarbophos residues in different matrices. Journal of Chromatography A, 2014, 1347, 30-38.	1.8	65
9	Synthesis, characterization and adsorption properties of magnetite/reduced graphene oxide nanocomposites. Talanta, 2015, 144, 1116-1124.	2.9	61
10	Development of a method for identification and accurate quantitation of aroma compounds in Chinese Daohuaxiang liquors based on SPME using a solâ€“gel fibre. Food Chemistry, 2015, 169, 230-240.	4.2	58
11	Novel fiber coated with amide bridged-calix[4]arene used for solid-phase microextraction of aliphatic amines. Journal of Chromatography A, 2004, 1041, 1-9.	1.8	52
12	Application of Vis/NIR Spectroscopy for Chinese Liquor Discrimination. Food Analytical Methods, 2014, 7, 1337-1344.	1.3	47
13	pH-resistant titania hybrid organicâ€“inorganic solâ€“gel coating for solid-phase microextraction of polar compounds. Analytica Chimica Acta, 2007, 590, 26-33.	2.6	40
14	Background Signal-Free Magnetic Bioassay for Food-Borne Pathogen and Residue of Veterinary Drug via Mn(VII)/Mn(II) Interconversion. ACS Sensors, 2019, 4, 2771-2777.	4.0	39
15	Direct-immersion SPME in soy milk for pesticide analysis at trace levels by means of a matrix-compatible coating. Talanta, 2020, 211, 120746.	2.9	38
16	Determination of Polycyclic Aromatic Hydrocarbons in Vegetables by Headspace SPME-GC. Chromatographia, 2011, 74, 99-107.	0.7	31
17	Multiple headspace solid-phase microextraction after matrix modification for avoiding matrix effect in the determination of ethyl carbamate in bread. Analytica Chimica Acta, 2012, 710, 75-80.	2.6	25
18	Click Reaction-Mediated T₂ Immunosensor for Ultrasensitive Detection of Pesticide Residues via Brush-like Nanostructure-Triggered Coordination Chemistry. Journal of Agricultural and Food Chemistry, 2019, 67, 9942-9949.	2.4	25

#	Article	IF	Citations
19	Solid-phase microextraction using a diglycidyloxycalix[4]arene coated fiber combined with gas chromatography: very simple, rapid and sensitive method for the determination of chlorobenzenes in water. Mikrochimica Acta, 2010, 168, 161-167.	2.5	23
20	Multiple headspace solid-phase microextraction of ethyl carbamate from different alcoholic beverages employing drying agent based matrix modification. Journal of Chromatography A, 2011, 1218, 5063-5070.	1.8	23
21	High operationally stable sol-gel diglycidyloxycalix[4]arene fiber for solid-phase microextraction of propranolol in human urine. Journal of Separation Science, 2005, 28, 2489-2500.	1.3	21
22	A solid-phase microextraction fiber coated with diglycidyloxycalix[4]arene yields very high extraction selectivity and sensitivity during the analysis of chlorobenzenes in soil. Analytical and Bioanalytical Chemistry, 2006, 384, 1428-1437.	1.9	20
23	Solid-phase microextraction coupled to gas chromatography for the determination of 2,3-dimethyl-2,3-dinitrobutane as a marking agent for explosives. Talanta, 2007, 72, 1581-1585.	2.9	20
24	Solid-Phase Microextraction of Aromatic Amines with an Amide Bridged Calix[4]arene Coated Fiber. Chromatographia, 2005, 61, 75-80.	0.7	19
25	Determination of Phthalates in Beverages by Headspace SPME-GC Using Calix[6]arene Fiber. Chromatographia, 2009, 70, 883-890.	0.7	19
26	Multifiber solidâ€phase microextraction using different molecularly imprinted coatings for simultaneous selective extraction and sensitive determination of organophosphorus pesticides. Journal of Separation Science, 2020, 43, 756-765.	1.3	12
27	Development of a Sol-Gel Procedure for Preparation of a Diglycidyloxycalix[4]arene Solid-Phase Microextraction Fiber with Enhanced Extraction Efficiency. Chromatographia, 2005, 62, 519-525.	0.7	11
28	In Situ Real-Time Tracing of Organophosphorus Pesticides in Apples by Solid-Phase Microextraction with Developed Sampling-Rate Calibration. Molecules, 2019, 24, 4444.	1.7	9
29	Multiple headspace solidâ€phase microextraction using a new fiber for avoiding matrix interferences in the quantitative determination of ethyl carbamate in pickles. Journal of Separation Science, 2012, 35, 1152-1159.	1.3	8
30	Matrix compatibility of typical solâ€“gel solid-phase microextraction coatings in undiluted plasma and whole blood for the analysis of phthalic acid esters. Analytical and Bioanalytical Chemistry, 2022, 414, 2493-2503.	1.9	6