Xiaohuan Zang

List of Publications by Year
in descending order

57 papers	2,498 citations	185998 28 h-index	197535 49 g-index
59 all docs	59 docs citations	59 times ranked	2278 citing authors

#	Article	IF	Citations
1	Construction of Ti4O7/TiN/carbon microdisk sulfur host with strong polar Nâ€“Tiâ€“O bond for ultralong life lithiumâ€“sulfur battery. Energy Storage Materials, 2022, 44, 180-189.	9.5	74
2	Efficient solid-phase microextraction of twelve halogens-containing environmental hormones from fruits and vegetables by triazine-based conjugated microporous polymer coating. Analytica Chimica Acta, 2022, 1195, 339458.	2.6	20
3	Heterointerface optimization in a covalent organic framework-on-MXene for high-performance capacitive deionization of oxygenated saline water. Materials Horizons, 2022, 9, 1708-1716.	6.4	82
4	A novel porphyrin-based conjugated microporous nanomaterial for solid-phase microextraction of phthalate esters residues in children's food. Food Chemistry, 2022, 388, 133015.	4.2	13
5	Determination of phthalate esters in bottled beverages by direct immersion solidâ€phase microextraction with a porous boron nitride coated fiber followed by gas chromatographyâ€mass spectrometry. Journal of Separation Science, 2022, 45, 2987-2995.	1.3	2
6	Design and Construction of 3D Porous Na3V2(PO4)3/C as High Performance Cathode for Sodium Ion Batteries. Chemical Research in Chinese Universities, 2021, 37, 265-273.	1.3	25
7	Boron nitride modified reduced graphene oxide as solidâ€phase microextraction coating material for the extraction of seven polycyclic aromatic hydrocarbons from water and soil samples. Journal of Separation Science, 2021, 44, 1521-1528.	1.3	18
8	Triazineâ€based covalent organic polymer: A promising coating for solidâ€phase microextraction. Journal of Separation Science, 2021, 44, 3608-3617.	1.3	7
9	Solid-phase microextraction of eleven organochlorine pesticides from fruit and vegetable samples by a coated fiber with boron nitride modified multiwalled carbon nanotubes. Food Chemistry, 2021, 359, 129984.	4.2	23
10	Solid-phase microextraction of organophosphorous pesticides from food samples with a nitrogen-doped porous carbon derived from g-C3N4 templated MOF as the fiber coating. Journal of Hazardous Materials, 2020, 384, 121430.	6.5	89
11	Solid phase microextraction of polycyclic aromatic hydrocarbons from water samples by a fiber coated with covalent organic framework modified graphitic carbon nitride. Journal of Chromatography A, 2020, 1628, 461428.	1.8	37
12	Carbon nanospheres as solidâ€phase microextraction coating for the extraction of polycyclic aromatic hydrocarbons from water and soil samples. Journal of Separation Science, 2020, 43, 2594-2601.	1.3	21
13	Mesoporous covalent organic polymer nanospheres for the preconcentration of polycyclic aromatic hydrocarbons and their derivatives. Journal of Chromatography A, 2020, 1624, 461217.	1.8	22
14	Synthesis of nanoporous poly-melamine-formaldehyde (PMF) based on Schiff base chemistry as a highly efficient adsorbent. Analyst, The, 2019, 144, 342-348.	1.7	14
15	Efficient enrichment of triazole fungicides from fruit and vegetable samples by a spherical porous aromatic framework. New Journal of Chemistry, 2019, 43, 4059-4066.	1.4	9
16	Triazine-based porous organic framework as adsorbent for solid-phase microextraction of some organochlorine pesticides. Journal of Chromatography A, 2019, 1602, 83-90.	1.8	35
17	Use of Functionalized Covalent Organic Framework as Sorbent for the Solid-Phase Extraction of Biogenic Amines from Meat Samples Followed by High-Performance Liquid Chromatography. Food Analytical Methods, 2019, 12, 1-11.	1.3	30
18	Hollow Fiber Stir Bar Sorptive Extraction Combined with GCâ€“MS for the Determination of Phthalate Esters from Childrenâ€™s Food. Chromatographia, 2019, 82, 683-693.	0.7	21

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19	Micro-solid phase extraction of chlorophenols using reduced graphene oxide functionalized with magnetic nanoparticles and graphitic carbon nitride as the adsorbent. Mikrochimica Acta, 2018, 185, 18.	2.5	31
20	Solid phase microextraction of phthalic acid esters from vegetable oils using iron (III)-based metal-organic framework/graphene oxide coating. Food Chemistry, 2018, 263, 258-264.	4.2	66
21	Fibrous boron nitride nanocomposite for magnetic solid phase extraction of ten pesticides prior to the quantitation by gas chromatography. Mikrochimica Acta, 2018, 185, 561.	2.5	24
22	Covalent Organic Framework as Fiber Coating for Solid-Phase Microextraction of Chlorophenols Followed by Quantification with Gas Chromatographyâ€“Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2018, 66, 11158-11165.	2.4	63
23	Determination of pesticides residues in vegetable and fruit samples by solidâ€phase microextraction with a covalent organic framework as the fiber coating coupled with gas chromatography and electron capture detection. Journal of Separation Science, 2018, 41, 4038-4046.	1.3	42
24	Barley husk carbon as the fiber coating for the solid-phase microextraction of twelve pesticides in vegetables prior to gas chromatographyâ€“mass spectrometric detection. Journal of Chromatography A, 2017, 1491, 9-15.	1.8	20
25	Single layer graphitic carbon nitride-modified graphene composite as a fiber coating for solid-phase microextraction of polycyclic aromatic hydrocarbons. Mikrochimica Acta, 2017, 184, 2171-2180.	2.5	39
26	Cyclodextrin-functionalized magnetic graphene as solid-phase extraction absorbent coupled with flame atomic absorption spectrophotometry for determination of cadmium in water and food samples. Spectroscopy Letters, 2017, 50, 507-514.	0.5	6
27	Determination of volatile organic compounds in pen inks by a dynamic headspace needle trap device combined with gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2017, 1513, 27-34.	1.8	30
28	A porous carbon derived from aminoâ€functionalized material of Institut Lavoisier as a solidâ€phase microextraction fiber coating for the extraction of phthalate esters from tea. Journal of Separation Science, 2016, 39, 1331-1338.	1.3	25
29	Metal-organic framework UiO-67-coated fiber for the solid-phase microextraction of nitrobenzene compounds from water. Journal of Separation Science, 2016, 39, 2770-2776.	1.3	30
30	Application of mesoporous carbon as a solid-phase microextraction fiber coating for the extraction of volatile aromatic compounds. Journal of Separation Science, 2015, 38, 2880-2886.	1.3	7
31	Graphene grafted magnetic microspheres for solid phase extraction of bisphenol A and triclosan from water samples followed by gas chromatography-mass spectrometric analysis. Analytical Methods, 2015, 7, 8793-8800.	1.3	23
32	Metal organic framework MIL-101 coated fiber for headspace solid phase microextraction of volatile aromatic compounds. Analytical Methods, 2015, 7, 918-923.	1.3	28
33	Metalâ€“Organic Framework Derived Magnetic Nanoporous Carbon: Novel Adsorbent for Magnetic Solid-Phase Extraction. Analytical Chemistry, 2014, 86, 12199-12205.	3.2	180
34	Graphene oxide as a microâ€solidâ€phase extraction sorbent for the enrichment of parabens from water and vinegar samples. Journal of Separation Science, 2014, 37, 1656-1662.	1.3	35
35	Solidâ€phase microextraction with a grapheneâ€compositeâ€coated fiber coupled with GC for the determination of some halogenated aromatic hydrocarbons in water samples. Journal of Separation Science, 2014, 37, 440-446.	1.3	32
36	A graphene-coated magnetic nanocomposite for the enrichment of fourteen pesticides in tomato and rape samples prior to their determination by gas chromatography-mass spectrometry. Analytical Methods, 2014, 6, 253-260.	1.3	25

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37	Solid phase microextraction using a graphene composite-coated fiber coupled with gas chromatography for the determination of acetanilide herbicides in water samples. Analytical Methods, 2014, 6, 2756.	1.3	17
38	Polydimethylsiloxane/metal-organic frameworks coated fiber for solid-phase microextraction of polycyclic aromatic hydrocarbons in river and lake water samples. Talanta, 2014, 129, 600-605.	2.9	91
39	Determination of Triazole Fungicides in Vegetable Samples by Magnetic Solid-Phase Extraction with Graphene-Coated Magnetic Nanocomposite as Adsorbent Followed by Gas Chromatographyâ€"Mass Spectrometry Detection. Food Analytical Methods, 2014, 7, 318-325.	1.3	43
40	The use of silicaâ€coated magnetic graphene microspheres as the adsorbent for the extraction of pyrethroid pesticides from orange and lettuce samples followed by <scp>GC</scp>â€"<scp>MS</scp> analysis. Journal of Separation Science, 2013, 36, 3242-3248.	1.3	45
41	Development of ultrasound-assisted emulsification microextraction for the determination of triazine herbicides in environmental water samples by high-performance liquid chromatography. International Journal of Environmental Analytical Chemistry, 2013, 93, 884-893.	1.8	9
42	Application of liquid phase microextraction based on solidification of floating organic drop for the determination of triazine herbicides in soil samples by gas chromatography with flame photometric detection. International Journal of Environmental Analytical Chemistry, 2012, 92, 1563-1573.	1.8	9
43	Determination of carbendazim and thiabendazole in apple juice by hollow fibre-based liquid phase microextraction-high performance liquid chromatography with fluorescence detection. International Journal of Environmental Analytical Chemistry, 2012, 92, 582-591.	1.8	22
44	Graphene-based solid-phase extraction combined with flame atomic absorption spectrometry for a sensitive determination of trace amounts of lead in environmental water and vegetable samples. Analytica Chimica Acta, 2012, 716, 112-118.	2.6	229
45	Extraction of neonicotinoid insecticides from environmental water samples with magnetic graphene nanoparticles as adsorbent followed by determination with HPLC. Analytical Methods, 2012, 4, 766.	1.3	110
46	The use of grapheneâ€based magnetic nanoparticles as adsorbent for the extraction of triazole fungicides from environmental water. Journal of Separation Science, 2012, 35, 2266-2272.	1.3	77
47	Extraction of phthalate esters from water and beverages using a graphene-based magnetic nanocomposite prior to their determination by HPLC. Mikrochimica Acta, 2012, 177, 23-30.	2.5	105
48	Extraction of Phthalate Esters in Environmental Water Samples Using Layered-Carbon Magnetic Hybrid Material as Adsorbent Followed by Their Determination with HPLC. Bulletin of the Korean Chemical Society, 2012, 33, 3311-3316.	1.0	12
49	Synthesis of 3,4-Dihydropyrimidin-2(1<i>H</i>)-ones Catalyzed by BrÃ¶nsted Acidic Ionic Liquid. Chinese Journal of Organic Chemistry, 2012, 32, 962.	0.6	4
50	Application of dispersive liquidâ€"liquid microextraction combined with high-performance liquid chromatography to the determination of carbamate pesticides in water samples. Analytical and Bioanalytical Chemistry, 2009, 393, 1755-1761.	1.9	105
51	Dispersive liquidâ€"liquid microextraction combined with high performance liquid chromatographyâ€"fluorescence detection for the determination of carbendazim and thiabendazole in environmental samples. Analytica Chimica Acta, 2009, 638, 139-145.	2.6	145
52	Analysis of captan, folpet, and captafol in apples by dispersive liquidâ€"liquid microextraction combined with gas chromatography. Analytical and Bioanalytical Chemistry, 2008, 392, 749-754.	1.9	73
53	Determination of triazine herbicide residues in water samples by on-line sweeping concentration in micellar electrokinetic chromatography. Chinese Chemical Letters, 2008, 19, 1487-1490.	4.8	12
54	A Green and Efficient Synthesis of 9-Aryl-3,4,5,6,7,9-hexahydroxanthene-1,8-dione using a Task-Specific Ionic Liquid as Dual Catalyst and Solvent. Australian Journal of Chemistry, 2007, 60, 146.	0.5	29

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55	Hollow fiber-based liquid-phase microextraction combined with on-line sweeping for trace analysis of Strychnos alkaloids in urine by micellar electrokinetic chromatography. Journal of Chromatography A, 2007, 1143, 270-275.	1.8	52
56	Analysis of Strychnos alkaloids in traditional Chinese medicines with improved sensitivity by sweeping micellar electrokinetic chromatography. Analytica Chimica Acta, 2006, 572, 190-196.	2.6	41
57	Analysis of Carbamazepine in Tablet and Human Serum by Sweepingâ€Micellar Electrokinetic Chromatography Method. Analytical Letters, 2006, 39, 1927-1939.	1.0	13