

Guoqiang Xiang

List of Publications by Year in descending order

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27
papers

953
citations

516561

16
h-index

501076

28
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28
all docs

28
docs citations

28
times ranked

1208
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(ionic liquid) immobilized magnetic nanoparticles as new adsorbent for extraction and enrichment of organophosphorus pesticides from tea drinks. <i>Journal of Chromatography A</i> , 2014, 1358, 39-45.	1.8	149
2	Determination of the acid values of edible oils via FTIR spectroscopy based on the OH stretching band. <i>Food Chemistry</i> , 2016, 212, 585-589.	4.2	79
3	Cloud point extraction combined with electrothermal atomic absorption spectrometry for the speciation of antimony(III) and antimony(V) in food packaging materials. <i>Journal of Hazardous Materials</i> , 2010, 175, 146-150.	6.5	74
4	Selective cloud point extraction for the determination of cadmium in food samples by flame atomic absorption spectrometry. <i>Food Chemistry</i> , 2012, 132, 532-536.	4.2	72
5	Recent Progress in Electrothermal Vaporization—Inductively Coupled Plasma Atomic Emission Spectrometry and Inductively Coupled Plasma Mass Spectrometry. <i>Applied Spectroscopy Reviews</i> , 2007, 42, 203-234.	3.4	70
6	Simultaneous speciation of inorganic selenium and antimony in water samples by electrothermal vaporization inductively coupled plasma mass spectrometry following selective cloud point extraction. <i>Water Research</i> , 2008, 42, 1195-1203.	5.3	66
7	Carbon dots based dual-emission silica nanoparticles as ratiometric fluorescent probe for nitrite determination in food samples. <i>Food Chemistry</i> , 2018, 260, 13-18.	4.2	60
8	Determination of trace copper in food samples by flame atomic absorption spectrometry after solid phase extraction on modified soybean hull. <i>Journal of Hazardous Materials</i> , 2010, 179, 521-525.	6.5	54
9	Manganese-doped carbon quantum dots-based fluorescent probe for selective and sensitive sensing of 2,4,6-trinitrophenol via an inner filtering effect. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 205, 221-226.	2.0	41
10	Solid phase extraction of trace cadmium and lead in food samples using modified peanut shell prior to determination by flame atomic absorption spectrometry. <i>Mikrochimica Acta</i> , 2009, 165, 237-242.	2.5	37
11	Direct determination of trace rare earth elements in ancient porcelain samples with slurry sampling electrothermal vaporization inductively coupled plasma mass spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005, 60, 1342-1348.	1.5	28
12	Thiol-Modified Magnetic Silica Sorbent for the Determination of Trace Mercury in Environmental Water Samples Coupled with Cold Vapor Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2013, 46, 706-716.	1.0	28
13	Dicationic polymeric ionic liquid-based magnetic material as an adsorbent for the magnetic solid-phase extraction of organophosphate pesticides and polycyclic aromatic hydrocarbons. <i>Journal of Separation Science</i> , 2016, 39, 3221-3229.	1.3	26
14	Layer-by-layer self-assembly of polyelectrolyte multilayers on silica spheres as reversed-phase/hydrophilic interaction mixed-mode stationary phases for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1499, 111-117.	1.8	19
15	Carbon-dot-based dual-emission silica nanoparticles as a ratiometric fluorescent probe for Bisphenol A. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 177, 153-157.	2.0	18
16	Turn-on fluorescence sensing of hydrogen peroxide in marine food samples using a carbon dots—Mn ²⁺ probe. <i>Luminescence</i> , 2020, 35, 897-902.	1.5	18
17	A comparison of slurry sampling electrothermal vaporization and slurry nebulization inductively coupled plasma mass spectrometry for the direct determination of trace impurities in titanium dioxide powder. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1378-1385.	0.7	16
18	Polyelectrolyte multilayers on magnetic silica as a new sorbent for the separation of trace copper in food samples and determination by flame atomic absorption spectrometry. <i>Talanta</i> , 2014, 130, 192-197.	2.9	15

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19	A simple and practical method for determining iodine values of oils and fats by the FTIR spectrometer with an infrared quartz cuvette. <i>Analytical Methods</i> , 2017, 9, 3669-3674.	1.3	15
20	Carbon-dot-based dual-emission silica nanoparticles as a ratiometric fluorescent probe for vanadium(V) detection in mineral water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 51-56.	2.0	14
21	Simultaneously Direct Determination Trace Elements and its Distribution in Ancient Tooth Samples by Slurry Sampling-Electrothermal Vaporization Inductively Coupled Plasma Mass Spectrometry. <i>Mikrochimica Acta</i> , 2006, 154, 247-252.	2.5	12
22	Gram-scale synthesis of nitrogen-doped carbon dots from locusts for selective determination of sunset yellow in food samples. <i>Luminescence</i> , 2022, 37, 118-126.	1.5	12
23	Carbon dots based dual-emission silica nanoparticles as ratiometric fluorescent probe for chromium speciation analysis in water samples. <i>Canadian Journal of Chemistry</i> , 2018, 96, 72-77.	0.6	10
24	Carbon dot doped silica nanoparticles as fluorescent probe for determination of bromate in drinking water samples. <i>Canadian Journal of Chemistry</i> , 2018, 96, 24-29.	0.6	5
25	UV-emitting polyelectrolyte-modified MoS ₂ quantum dots for selective determination of nitrophenol in water samples based on inner filter effect. <i>Canadian Journal of Chemistry</i> , 2020, 98, 222-227.	0.6	4
26	POLYELECTROLYTE MODIFIED SILICA GEL MICRO-COLUMN SOLID PHASE EXTRACTION FOR THE DETERMINATION OF SILVER IN ENVIRONMENTAL WATER SAMPLES BY FLAME ATOMIC ABSORPTION SPECTROMETRY. <i>Journal of the Chilean Chemical Society</i> , 2013, 58, 2182-2185.	0.5	2
27	Determination of cis/trans fatty acid contents in edible oils by ¹ H NMR spectroscopy in association with multivariate calibration. <i>Journal of Food Composition and Analysis</i> , 2022, 105, 104195.	1.9	2