

Ali Aghakhani

List of Publications by Year in descending order

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26
papers

959
citations

567281

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h-index

610901

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26
times ranked

1016
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel needle trap sorbent based on carbon nanotube-sol-gel for microextraction of polycyclic aromatic hydrocarbons from aquatic media. <i>Analytica Chimica Acta</i> , 2011, 683, 212-220.	5.4	105
2	Fast Quantitation of Target Analytes in Small Volumes of Complex Samples by Matrix-Compatible Solid-Phase Microextraction Devices. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7510-7514.	13.8	96
3	Polyaniline-nylon-6 electrospun nanofibers for headspace adsorptive microextraction. <i>Analytica Chimica Acta</i> , 2012, 713, 63-69.	5.4	86
4	Extraction of fluoxetine from aquatic and urine samples using sodium dodecyl sulfate-coated iron oxide magnetic nanoparticles followed by spectrofluorimetric determination. <i>Analytica Chimica Acta</i> , 2011, 692, 80-84.	5.4	81
5	Electrospun composite of polypyrrole-polyamide as a micro-solid phase extraction sorbent. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3607-3613.	3.7	64
6	Polypyrrole/polyamide electrospun-based sorbent for microextraction in packed syringe of organophosphorous pesticides from aquatic samples. <i>Journal of Separation Science</i> , 2012, 35, 114-120.	2.5	64
7	Novel polyamide-based nanofibers prepared by electrospinning technique for headspace solid-phase microextraction of phenol and chlorophenols from environmental samples. <i>Analytica Chimica Acta</i> , 2012, 716, 34-39.	5.4	63
8	Optimization and characterization of pullulan produced by a newly identified strain of <i>Aureobasidium pullulans</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 152, 305-313.	7.5	63
9	Reinforced polydiphenylamine nanocomposite for microextraction in packed syringe of various pesticides. <i>Journal of Chromatography A</i> , 2012, 1222, 13-21.	3.7	60
10	Novel nanofiber coatings prepared by electrospinning technique for headspace solid-phase microextraction of chlorobenzenes from environmental samples. <i>Analytical Methods</i> , 2011, 3, 1284.	2.7	55
11	Reprint of: Extraction of fluoxetine from aquatic and urine samples using sodium dodecyl sulfate-coated iron oxide magnetic nanoparticles followed by spectrofluorimetric determination. <i>Analytica Chimica Acta</i> , 2012, 716, 61-65.	5.4	35
12	Electrospray Production of Curcumin-walnut Protein Nanoparticles. <i>Food Biophysics</i> , 2021, 16, 15-26.	3.0	35
13	A highly thermal-resistant electrospun-based polyetherimide nanofibers coating for solid-phase microextraction. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2141-2149.	3.7	28
14	Magnetic Nanoparticle-Based Micro-Solid Phase Extraction and GC-MS Determination of Oxadiargyl in Aqueous Samples. <i>Chromatographia</i> , 2011, 74, 483-488.	1.3	26
15	Sol-Gel-based SPME and GC-MS for Trace Determination of Geosmin in Water and Apple Juice Samples. <i>Chromatographia</i> , 2007, 66, 779-783.	1.3	20
16	A Polypyrrole-Based Sorptive Microextraction Coating for Preconcentration of Malathion from Aquatic Media. <i>Chromatographia</i> , 2011, 74, 731-735.	1.3	13
17	Preparation of a novel KCC-1/nylon 6 nanocomposite via electrospinning technique. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	11
18	Fast Quantitation of Target Analytes in Small Volumes of Complex Samples by Matrix-Compatible Solid-Phase Microextraction Devices. <i>Angewandte Chemie</i> , 2016, 128, 7636-7640.	2.0	11

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19	Graphene oxide-based solid phase extraction of vitamin B ₁₂ from pharmaceutical formulations and its determination by X-ray fluorescence. <i>X-Ray Spectrometry</i> , 2015, 44, 16-23.	1.4	10
20	Rapid analysis of <i>Oreganum majorana</i> L. fragrance using a nanofiber sheet, gas chromatography with mass spectrometry, and chemometrics. <i>Journal of Separation Science</i> , 2014, 37, 990-996.	2.5	9
21	Application of Polyamide Nanofibers, SPME/GC-MS, and Chemometrics for Comprehensive Analysis of Volatiles in <i>Thymus vulgaris</i> L. and <i>Thymus serpyllum</i> L. <i>Food Analytical Methods</i> , 2016, 9, 528-536.	2.6	9
22	Headspace Adsorptive Microextraction Analysis of Oregano Fragrance Using Polyaniline-Nylon-6 Nanocomposite, GC-MS, and Multivariate Curve Resolution. <i>International Journal of Food Properties</i> , 2015, 18, 1613-1623.	3.0	7
23	Dispersion-corrected DFT study on the carbon monoxide sensing by B2C nanotubes: effects of dopant and interferences. <i>Structural Chemistry</i> , 2016, 27, 535-542.	2.0	4
24	Novel alcohol vapour sensor based on the mixed-ligand modified MOF-199 coated quartz crystal microbalance. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 1803-1820.	3.3	3
25	Thin film solid phase microextraction of fluoxetine using a novel sorbent prepared by direct decoration of zeolitic imidazolate frameworks on the surface of polyacrylonitrile electrospun nanofibers. <i>Separation Science Plus</i> , 2021, 4, 36-44.	0.6	1
26	Supercritical fluid chromatography for food quality evaluation. , 2019, , 379-404.		0