

Roya Mirzajani

List of Publications by Year in descending order

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42
papers

871
citations

516215

16
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476904

29
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44
all docs

44
docs citations

44
times ranked

1096
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#	ARTICLE	IF	CITATIONS
1	Fabrication of UCMC-1 based monolithic and hollow fiber "Metal-organic framework deep eutectic solvents/molecularly imprinted polymers and their use in solid phase microextraction of phthalate esters in yogurt, water and edible oil by GC-FID. Food Chemistry, 2020, 314, 126179.	4.2	102
2	Fabrication of ciprofloxacin molecular imprinted polymer coating on a stainless steel wire as a selective solid-phase microextraction fiber for sensitive determination of fluoroquinolones in biological fluids and tablet formulation using HPLC-UV detection. Journal of Pharmaceutical and Biomedical Analysis, 2016, 122, 98-109.	1.4	92
3	Electrochemical monitoring of piroxicam in different pharmaceutical forms with multi-walled carbon nanotubes paste electrode. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 41-48.	1.4	71
4	Preparation and characterization of magnetic metal-organic framework nanocomposite as solid-phase microextraction fibers coupled with high-performance liquid chromatography for determination of non-steroidal anti-inflammatory drugs in biological fluids and tablet formulation samples. Microchemical Journal, 2019, 144, 270-284.	2.3	55
5	Melamine supported magnetic iron oxide nanoparticles (Fe ₃ O ₄ @Mel) for spectrophotometric determination of malachite green in water samples and fish tissues. Journal of Industrial and Engineering Chemistry, 2015, 23, 171-178.	2.9	45
6	Ultrasonic assisted synthesis of magnetic Ni-Ag bimetallic nanoparticles supported on reduced graphene oxide for sonochemical simultaneous removal of sunset yellow and tartrazine dyes by response surface optimization: Application of derivative spectrophotometry. Ultrasonics Sonochemistry, 2019, 50, 239-250.	3.8	44
7	A nanocomposite consisting of graphene oxide, zeolite imidazolate framework 8, and a molecularly imprinted polymer for (multiple) fiber solid phase microextraction of sterol and steroid hormones prior to their quantitation by HPLC. Mikrochimica Acta, 2019, 186, 129.	2.5	39
8	Preparation of ⁶⁵ Fe ₂ O ₃ /hydroxyapatite/Cu(II) magnetic nanocomposite and its application for electrochemical detection of metformin in urine and pharmaceutical samples. Sensors and Actuators B: Chemical, 2018, 270, 405-416.	4.0	36
9	Selective determination of thidiazuron herbicide in fruit and vegetable samples using molecularly imprinted polymer fiber solid phase microextraction with ion mobility spectrometry detection (MIPF-SPME-IMS). Microchemical Journal, 2017, 130, 93-101.	2.3	35
10	Simultaneous determination of phenytoin, barbital and caffeine in pharmaceuticals by absorption (zero-order) UV spectra and first-order derivative spectra "multivariate calibration methods. Journal of Pharmaceutical and Biomedical Analysis, 2005, 38, 420-427.	1.4	34
11	Simultaneous spectrophotometric determination of Fe(III), Al(III) and Cu(II) by partial least-squares calibration method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 63, 196-199.	2.0	33
12	Fabrication of magnetic Fe ₃ O ₄ @nSiO ₂ @mSiO ₂ "NH ₂ core-shell mesoporous nanocomposite and its application for highly efficient ultrasound assisted dispersive μ SPE-spectrofluorimetric detection of ofloxacin in urine and plasma samples. Ultrasonics Sonochemistry, 2018, 40, 101-112.	3.8	29
13	Immobilized silver nanoparticles on silica gel as an efficient catalyst in nitroarene reduction. Chinese Chemical Letters, 2010, 21, 1015-1019.	4.8	22
14	Simultaneous preconcentration and determination of malachite green and fuchsine dyes in seafood and environmental water samples using nano-alumina-based molecular imprinted polymer solid-phase extraction. International Journal of Environmental Analytical Chemistry, 2016, 96, 576-594.	1.8	22
15	A novel ultrasound-assisted back extraction reverse micelles method coupled with gas chromatography-flame ionization detection for determination of aldehydes in heated edibles oils. Food Chemistry, 2015, 188, 30-36.	4.2	21
16	Fluorescence detection of vitamin B12 in human plasma and urine samples using silver nanoparticles embedded in chitosan in micellar media. Analytical Methods, 2017, 9, 4052-4059.	1.3	19
17	Nanoporous calcined MCM-41 silica for adsorption and removal of Victoria blue dye from different natural water samples. Desalination and Water Treatment, 2016, 57, 5903-5913.	1.0	18
18	Intensification of Extraction of Antioxidant Compounds from <i>Moringa Oleifera</i> Leaves Using Ultrasound-Assisted Approach: BBD-RSM Design. International Journal of Fruit Science, 2021, 21, 693-705.	1.2	17

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19	Green Regioselective Azidolysis of Epoxides Catalyzed by Multi-Site Phase-Transfer Catalyst. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 594-599.	0.8	16
20	Application of spectral $\hat{\lambda}^2$ -correction method and partial least squares for simultaneous determination of V(IV) and V(V) in surfactant media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 646-652.	2.0	13
21	Nucleophilic ring opening of epoxides promoted by multi-site phase-transfer catalyst: An efficient and eco-friendly route to synthesis of $\hat{\lambda}^2$ -hydroxy-thiocyanate. <i>Chinese Chemical Letters</i> , 2009, 20, 1025-1029.	4.8	13
22	Smart NIR-light and pH responsive doxorubicin-loaded GNRs@SBA-15-SH nanocomposite for chemo-photothermal therapy of cancer. <i>Nanophotonics</i> , 2021, 10, 3303-3319.	2.9	13
23	Catalytic Determination of Traces of Silver(I) Using the Oxidation of Janus Green with Peroxodisulfate. <i>Analytical Sciences</i> , 2002, 18, 329-332.	0.8	11
24	$\hat{\lambda}^2$ -Cyclodextrin-based polyurethane ($\hat{\lambda}^2$ -CDPU) polymers as solid media for adsorption and determination of Pb(II) ions in dust and water samples. <i>Research on Chemical Intermediates</i> , 2014, 40, 2667-2679.	1.3	11
25	Application of the spectral correction method and artificial neural networks for simultaneous determination of V(V) and Al(III). <i>Talanta</i> , 2004, 64, 435-441.	2.9	9
26	Solid phase extraction and determination of Fe (III) in some vegetables and natural water samples using a new inorganic/organic hybrid adsorbent. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 411-426.	1.8	9
27	Indirect Simultaneous Kinetic Determination of Cysteine and Homocysteine by ANNs. <i>Analytical Letters</i> , 2006, 39, 791-807.	1.0	6
28	Simultaneous preconcentration of Cu(II), Cd(II) and Mn(II) on silica-polyethylene glycol and determination by flame atomic absorption spectrometry. <i>Quimica Nova</i> , 2012, 35, 1945-1949.	0.3	6
29	Direct cholesterol and $\hat{\lambda}^2$ -sitosterol analysis in food samples using monolithic molecularly-imprinted solid-phase microextraction fibers coupled with high performance liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2877-2888.	1.2	5
30	The core-shell nanosized magnetic molecularly imprinted polymers for selective preconcentration and determination of ciprofloxacin in human fluid samples using a vortex-assisted dispersive micro-solid-phase extraction and high-performance liquid chromatography. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2291-2306.	1.2	5
31	Electrospun polyacrylonitrile /MIL-53(Al) MOF@ SBA-15/ 4, 4'-bipyridine nanofibers for headspace solid-phase microextraction of benzene homologues in environmental water samples with GC-FID detection. <i>Microchemical Journal</i> , 2022, 180, 107591.	2.3	5
32	Fast and efficient adsorption of azure (II) on nanoporous MCM-41 for its removal, preconcentration and determination in biological matrices. <i>Journal of Porous Materials</i> , 2014, 21, 413-421.	1.3	3
33	Construction and Evaluation of a Graphene Oxide Functionalized Aminopropyltriethoxy Silane Surface Molecularly Imprinted Polymer Potentiometric Sensor for Dipyridamole Detection in Urine and Pharmaceutical Samples. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	3
34	An Investigation into the Magnetic Properties of Nickel Nano-grains Synthesized Via Thermal Decomposition Techniques. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1119-1123.	2.6	2
35	Comparison of intravenous regional anaesthesia with lidocaine and ropivacaine in dogs. <i>Veterinary Medicine and Science</i> , 2021, 7, 2135-2143.	0.6	2
36	Dual-Wavelength Spectral Correction Method for Simultaneous Determination of V(IV) and V(V). <i>E-Journal of Chemistry</i> , 2011, 8, 711-720.	0.4	1

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37	Rapid and Highly Sensitive Determination of Melamine in Different Food Samples by Corona Discharge Ion Mobility Spectrometry after Dispersive Liquid-Liquid Microextraction. Journal of the Brazilian Chemical Society, 2016, , .	0.6	1
38	The fabrication of a novel polyacrylonitrile/reduced graphene oxide-amino-halloysite/bimetallic metal-organic framework electrospun nanofiber adsorbent for the ultrasonic-assisted thin-film microextraction of fatty acid methyl esters in dairy products with gas chromatography-flame ionization detection. RSC Advances, 2021, 11, 14686-14699.	1.7	1
39	Determination of nanomolar dissolved polycyclic aromatic hydrocarbons in different water and wastewater samples using a metal-organic framework-199@graphene oxide fiber and headspace solid-phase microextraction. , 0, 144, 99-115.		1
40	Synthesis of chitosan-SnO ₂ nanoparticles biocomposite for dispersive micro-solid phase extraction of iron in environmental and wastewater samples and its determination by microvolume spectrophotometric detection. , 0, 97, 213-224.		1
41	Application of β -cyclodextrin in polymeric solid phase for separation and determination of lead in different environmental matrices. International Journal of Environmental Analytical Chemistry, 2013, 93, 800-810.	1.8	0
42	Removal of brilliant cresyl blue from aqueous solutions using modified zirconia nanoparticles as an adsorbent under ultrasonic action. Desalination and Water Treatment, 2016, 57, 28999-29006.	1.0	0