

Mahboubeh Masrournia

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

442
citations

840585
11
h-index

794469
19
g-index

40
all docs

40
docs citations

40
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of a novel nanocomposite based on sol-gel process for hollow fiber-solid phase microextraction of aflatoxins: B1 and B2, in cereals combined with high performance liquid chromatography-diode array detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3034-3040.	1.2	58
2	Construction of Nickel (II) PVC Membrane Electrochemical Sensor Based on 5-Methoxy-5,6-Diphenyl-4,5 Dihydro-3(2H)-Pyridazinethione as a Novel Ionophore. <i>Sensor Letters</i> , 2008, 6, 759-764.	0.4	43
3	Di-tert-butylazodicarboxylate based PVC membrane sensor for Fe(III) ion measurement in pharmaceutical formulation. <i>Materials Science and Engineering C</i> , 2011, 31, 574-578.	3.8	34
4	The measurement of ecstasy in human hair by triple phase directly suspended droplet microextraction prior to HPLC-DAD analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 903-908.	1.2	32
5	Development of a New Magnetic Dispersive Solid-Phase Microextraction Coupled with GC-MS for the Determination of Five Organophosphorus Pesticides from Vegetable Samples. <i>Food Analytical Methods</i> , 2021, 14, 674-686.	1.3	23
6	Silane modified magnetic nanoparticles as a novel adsorbent for determination of morphine at trace levels in human hair samples by high-performance liquid chromatography with diode array detection. <i>Forensic Science, Medicine, and Pathology</i> , 2015, 11, 497-503.	0.6	21
7	Simultaneous extraction and preconcentration of aniline, phenol, and naphthalene using magnetite-graphene oxide composites before gas chromatography determination. <i>Journal of Separation Science</i> , 2016, 39, 3046-3053.	1.3	18
8	Determination of four antiepileptic drugs with solvent assisted dispersive solid phase microextraction-Gas chromatography-mass spectrometry in human urine samples. <i>Microchemical Journal</i> , 2020, 159, 105542.	2.3	16
9	A Novel Modified Carbon Paste Electrode for the Determination of Chromium(III) in Water. <i>Journal of Analytical Chemistry</i> , 2018, 73, 824-831.	0.4	15
10	Microextraction and gas chromatography-flame ionization determination of five antiepileptic drugs in biological samples using amino acid-based deep eutectic ionic liquids. <i>Journal of Molecular Liquids</i> , 2020, 317, 113979.	2.3	15
11	Preconcentration of Gadolinium Ion by Solidification of Floating Organic Drop Microextraction and Its Determination by UV-Vis Spectrophotometry. <i>Eurasian Journal of Analytical Chemistry</i> , 2017, 12, 1621-1629.	0.4	14
12	An environmentally friendly sample pre-treatment method based on magnetic ionic liquids for trace determination of nitrotoluene compounds in soil and water samples by gas chromatography-mass spectrometry using response surface methodology. <i>Chemical Papers</i> , 2020, 74, 2929-2943.	1.0	11
13	Chemical Composition of Essential Oil and Antibacterial Activity of <i>Dracocephalum subcapitatum</i> . <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2010, 13, 112-117.	0.7	9
14	Elemental Determination and Essential Oil Composition of <i>Ziziphora clinopodioides</i> and Consideration of its Antibacterial Effects. <i>Asian Journal of Chemistry</i> , 2013, 25, 6553-6556.	0.1	9
15	Measuring and Pre-concentration of Lanthanum Using Fe ₃ O ₄ @Chitosan Nanocomposite with Solid-phase Microextraction for ICP-OES Determination. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 121-129.	1.7	9
16	Magnetic dispersive solid-phase microextraction for determination of two organophosphorus pesticides in cucumber and orange samples. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 3285-3298.	1.2	9
17	Determination of Tramadol and Fluoxetine in Biological and Water Samples by Magnetic Dispersive Solid-Phase Microextraction (MDSPME) with Gas Chromatography-Mass Spectrometry (GC-MS). <i>Analytical Letters</i> , 2021, 54, 884-902.	1.0	9
18	Simultaneous extraction and preconcentration of three beta (β)-blockers in biological samples with an efficient magnetic dispersive micro-solid phase extraction procedure employing in situ sorbent modification. <i>Microchemical Journal</i> , 2021, 163, 105937.	2.3	9

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19	Ultra-trace determination of thallium by electrochemical hydride generation using efficient tungsten electrodes followed by in situ trapping on a graphite tube and detection by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 2173-2181.	1.6	8
20	Design and fabrication of carbon paste electrode for determination of Cr(III) ion in real water samples using a new synthesis Schiff base as selective ionophore. <i>Eurasian Chemical Communications</i> , 2020, 2, 750-759.	1.1	8
21	Synthesis and characterization of nanoparticles based on chitosan-biopolymers systems as nanocarrier agents for curcumin: study on pharmaceutical and environmental applications. <i>Polymer Bulletin</i> , 2023, 80, 1495-1517.	1.7	8
22	An in situ modification sorbent for magnetic dispersive micro solid-phase extraction of anti-inflammatory drugs in the human urine sample before their determination with high-performance liquid chromatography. <i>Chemical Papers</i> , 2021, 75, 5813-5824.	1.0	7
23	Electrochemical generation of palladium volatile species enhanced with Sn(II): application for detection of Pd(II) by pyrolytic graphite-coated furnace atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 963-971.	1.6	6
24	Electrochemical hydride generation of tin(II) and its determination by electrothermal atomic absorption spectrometry with in situ trapping in the graphite tube atomizer. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 1332-1340.	0.6	5
25	Fabrication A Composite Electrode Based on MWCNT/Zeolite for Potentiometric Determination of Chromium (III). <i>Oriental Journal of Chemistry</i> , 2016, 32, 627-635.	0.1	5
26	Preconcentration of Ti(IV) in Ore and Water by Cloud Point Extraction and Determination by UV-Vis Spectrophotometry. <i>Journal of Analytical Chemistry</i> , 2018, 73, 128-132.	0.4	5
27	Hollow fiber coated Fe ₃ O ₄ @Maleamic acid-functionalized graphene oxide as a sorbent for stir bar sorptive extraction of ibuprofen, aspirin, and venlafaxine in human urine samples before determining by gas chromatography-mass spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2249-2259.	1.2	5
28	A highly sensitive ion selective electrochemical sensor amplified with ionic liquid for determination of lanthanum ion in real water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1747-1763.	1.8	4
29	Fabrication of Electrochemical Sensor for Epinine Determination Amplified with MgO/CNTs Nanocomposite and Ionic Liquid. <i>Current Analytical Chemistry</i> , 2022, 18, 125-132.	0.6	4
30	Determination of benzene, toluene, ethylbenzene, and p-xylene with headspace-hollow fiber solid-phase microextraction-gas chromatography in wastewater and Buxus leaves, employing a chemometric approach. <i>Chemical Papers</i> , 2021, 75, 4305-4316.	1.0	4
31	Selective determination of Cr(III) by modified carbon nanotube paste electrode: a potentiometric study. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 1234-1239.	1.6	4
32	Carbon nitride nanoparticles modified carbon paste electrodes as potentiometric sensors for determination of nickel(II) and chromium(III) ions in tap water samples. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1219-1229.	1.2	3
33	A simple and straightforward combination of surfactant-assisted magnetic dispersive micro-solid-phase extraction and hydride generation procedure to determine arsenic (III) species in environmental, biological, and fruit juice samples. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 2383-2394.	1.2	3
34	Synthesis and comparison of four magnetic sorbents for dispersive micro-solid-phase extraction of antidiabetic drugs in urine and water samples. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3637-3647.	1.2	3
35	Determination of salicylic acid using a highly sensitive and new electroanalytical sensor. <i>Current Analytical Chemistry</i> , 2021, 17, .	0.6	2
36	Magnetic-graphene oxide sheets as support for hemimicelles/admicelles based microextraction of acidic, basic and neutral compounds prior to gas chromatography determination. <i>Separation Science Plus</i> , 2019, 2, 440-448.	0.3	1

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37	Development of a potentiometric sensor for dihydrogen arsenite ion determination in environmental samples employing a simplex lattice mixture design. International Journal of Environmental Analytical Chemistry, 0, , 1-15.	1.8	1
38	Determination of bismuth ion in biological and water samples with a potentiometric sensor using carbon paste electrode as a straightforward and simple indicator electrode. Journal of the Iranian Chemical Society, 0, , 1.	1.2	1
39	Determination of dextrose in peritoneal dialysis solution by localized surface plasmon resonance technique based on silver nanoparticles formation. Russian Journal of Physical Chemistry A, 2017, 91, 1241-1247.	0.1	0