Mahboubeh Masrournia

List of Publications by Year in Descending Order

37 papers	287 citations	9 h-index	15 g-index
40 ext. papers	347 ext. citations	2.3 avg, IF	3.82 L-index

#	Paper	IF	Citations
37	Fabrication of Electrochemical Sensor for Epinine Determination Amplified with MgO/CNTs Nanocomposite and Ionic Liquid. *Current Analytical Chemistry*, **2021**, 17,	1.7	3
36	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. *Chemical Papers*, **2021**, 75, 4305-4316	1.9	1
35	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. *Microchemical Journal*, **2021**, 163, 105937	4.8	3
34	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. *Chemical Papers*, **2021**, 75, 5813-5824	1.9	3
33	Determination of Tramadol and Fluoxetine in Biological and Water Samples by Magnetic Dispersive Solid-Phase Microextraction (MDSPME) with Gas Chromatography–Mass Spectrometry (GC-MS). *Analytical Letters*, **2021**, 54, 884-902	2.2	5
32	Development of a New Magnetic Dispersive Solid-Phase Microextraction Coupled with GC-MS for the Determination of Five Organophosphorus Pesticides from Vegetable Samples. *Food Analytical Methods*, **2021**, 14, 674-686	3.4	9
31	Carbon nitride nanoparticles modified carbon paste electrodes as potentiometric sensors for determination of nickel(II) and chromium(III) ions in tap water samples. *Journal of the Iranian Chemical Society*, **2021**, 18, 1219-1229	2	2
30	Determination of salicylic acid using a highly sensitive and new electroanalytical sensor. *Current Analytical Chemistry*, **2021**, 17,	1.7	2
29	Hollow fiber coated Fe3O4@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. *Journal of the Iranian Chemical Society*,	2	2
28	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. *Chemical Papers*, **2020**, 74, 2929-2943	1.9	5
27	A highly sensitive ion selective electrochemical sensor amplified with ionic liquid for determination of lanthanum ion in real water samples. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-17	1.8	3
26	Measuring and Pre-concentration of Lanthanum Using Fe3O4@Chitosan Nanocomposite with Solid-phase Microextraction for ICP-OES Determination. *Arabian Journal for Science and Engineering* , **2020**, 45, 121-129	2.5	2
25	Determination of four antiepileptic drugs with solvent assisted dispersive solid phase microextraction–Gas chromatography–mass spectrometry in human urine samples. *Microchemical Journal*, **2020**, 159, 105542	4.8	9
24	Magnetic dispersive solid-phase microextraction for determination of two organophosphorus pesticides in cucumber and orange samples. *Journal of the Iranian Chemical Society*, **2020**, 17, 3285-3298	2	4
23	Microextraction and gas chromatography–flame ionization determination of five antiepileptic drugs in biological samples using amino acid-based deep eutectic ionic liquids. *Journal of Molecular Liquids*, **2020**, 317, 113979	6	7
22	Electrochemical generation of palladium volatile species enhanced with Sn(II): application for detection of Pd(II) by pyrolytic graphite-coated furnace atomic absorption spectrometry. *Journal of Analytical Atomic Spectrometry*, **2019**, 34, 963-971	3.7	4
21	Magnetite-graphene oxide sheets as support for hemimicelles/admicelles based microextraction of acidic, basic and neutral compounds prior to gas chromatography determination. *Separation Science Plus*, **2019**, 2, 440-448	1.1	1

20	Preconcentration of Ti(IV) in Ore and Water by Cloud Point Extraction and Determination by UV-Vis Spectrophotometry. *Journal of Analytical Chemistry*, **2018**, 73, 128-132	1.1	4
19	A Novel Modified Carbon Paste Electrode for the Determination of Chromium(III) in Water. *Journal of Analytical Chemistry*, **2018**, 73, 824-831	1.1	10
18	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. *Journal of Analytical Atomic Spectrometry*, **2017**, 32, 2173-2181	3.7	6
17	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	0.7	
16	Preconcentration of Gadolinium Ion by Solidification of Floating Organic Drop Microextraction and Its Determination by UV-Vis Spectrophotometry. *Eurasian Journal of Analytical Chemistry*, **2017**, 12, 1621-1629		10
15	Fabrication A Composite Electrode Based on MWCNT/Zeolite for Potentiometric Determination of Chromium (III). *Oriental Journal of Chemistry*, **2016**, 32, 627-635	0.8	4
14	Simultaneous extraction and preconcentration of aniline, phenol, and naphthalene using magnetite-graphene oxide composites before gas chromatography determination. *Journal of Separation Science*, **2016**, 39, 3046-53	3.4	14
13	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. *Forensic Science, Medicine, and Pathology*, **2015**, 11, 497-503	1.5	18
12	Elemental Determination and Essential Oil Composition of Ziziphora clinopodioides and Consideration of its Antibacterial Effects. *Asian Journal of Chemistry*, **2013**, 25, 6553-6556	0.4	5
11	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 performane liquid chromatography-diode array detection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2011**, 879, 3034-40	3.2	52
10	Di-tert-butylazodicarboxylate based PVC membrane sensor for Fe(III) ion measurement in pharmaceutical formulation. *Materials Science and Engineering C*, **2011**, 31, 574-578	8.3	17
9	Electrochemical hydride generation of tin(II) and its determination by electrothermal atomic absorption spectrometry with in situ trapping in the graphite tube atomizer. *Toxicological and Environmental Chemistry*, **2011**, 93, 1332-1340	1.4	5
8	Chemical Composition of Essential Oil and Antibacterial Activity of Dracocephalum subcapitatum. *Journal of Essential Oil-bearing Plants: JEOP*, **2010**, 13, 112-117	1.7	5
7	The measurement of ecstasy in human hair by triple phase directly suspended droplet microextraction prior to HPLC-DAD analysis. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2010**, 878, 903-8	3.2	32
6	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. *Sensor Letters*, **2008**, 6, 759-764	0.9	30
5	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. *Journal of the Iranian Chemical Society*,1	2	2
4	Development of a potentiometric sensor for dihydrogen arsenite ion determinationin environmental samples employing a simplex lattice mixture design. *International Journal of Environmental Analytical Chemistry*,1-15	1.8	1
3	Synthesis and characterization of nanoparticles based on chitosan-biopolymers systems as nanocarrier agents for curcumin: study on pharmaceutical and environmental applications. *Polymer Bulletin*,1	2.4	

2	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*,1	2	0
1	Synthesis and comparison of four magnetic sorbents for dispersive micro-solid-phase extraction of antidiabetic drugs in urine and water samples. *Journal of the Iranian Chemical Society*,1	2	1