

Gholamreza Khayatian

List of Publications by Year in descending order

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52
papers

1,024
citations

394421

19
h-index

454955

30
g-index

54
all docs

54
docs citations

54
times ranked

1112
citing authors

#	ARTICLE	IF	CITATIONS
1	Smartphone-based microfluidic chip modified using pyrrolidine-1-dithiocarboxylic acid for simultaneous colorimetric determination of Cr ³⁺ and Al ³⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 121000.	3.9	8
2	A new method for selective determination of creatinine using smartphone-based digital image. <i>Microfluidics and Nanofluidics</i> , 2022, 26, 1.	2.2	5
3	The colorimetric and microfluidic paper-based detection of cysteine and homocysteine using 1,5-diphenylcarbazine-capped silver nanoparticles. <i>RSC Advances</i> , 2021, 11, 3295-3303.	3.6	22
4	A Continuous Sample Drop Flow-Based Microextraction Method for Spectrophotometric Determination of Cobalt with 1-(2-Pyridylazo)-2-Naphthol in Water Samples. <i>Journal of Analytical Chemistry</i> , 2021, 76, 172-179.	0.9	6
5	Microfluidic nanopaper based analytical device for colorimetric and naked eye determination of cholesterol using the color change of triangular silver nanoprisms. <i>New Journal of Chemistry</i> , 2021, 45, 21788-21794.	2.8	4
6	Microfluidic paper-based analytical device using gold nanoparticles modified with N,N'-bis(2-hydroxyethyl)dithiooxamide for detection of Hg(II) in air, fish and water samples. <i>New Journal of Chemistry</i> , 2020, 44, 18662-18667.	2.8	11
7	Spectrophotometric and visual determination of zoledronic acid by using a bacterial cell-derived nanopaper doped with curcumin. <i>Mikrochimica Acta</i> , 2019, 186, 719.	5.0	9
8	A nanocellulose-based colorimetric assay kit for smartphone sensing of iron and iron-chelating deferoxamine drug in biofluids. <i>Analytica Chimica Acta</i> , 2019, 1087, 104-112.	5.4	39
9	A green microextraction method for determination of sodium dodecyl sulfate in washing liquid samples based on continuous sample drop flow-based microextraction. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1863-1870.	2.2	6
10	In situ synthesis Bismarck brown R reductive products-immobilised AgNPs assisted by catalytic activity of AgNPs as colorimetric probe for Hg ²⁺ detection in water. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 82-96.	3.3	1
11	MnO ₂ /3MgO Nanocomposite for Preconcentration and Determination of Trace Copper and Lead in Food and Water by Flame Atomic Absorption Spectrometry. <i>Journal of Analytical Chemistry</i> , 2018, 73, 470-478.	0.9	18
12	Semi-automated continuous sample drop flow microextraction with swift preconcentration and atomic absorption spectrometry determination of lead in water and apple leaves. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2511-2518.	2.2	9
13	A paper-based optical probe for chromium by using gold nanoparticles modified with 2,2'-thiodiacetic acid and smartphone camera readout. <i>Mikrochimica Acta</i> , 2018, 185, 374.	5.0	28
14	Continuous sample drop flow-based microextraction combined with graphite furnace atomic absorption spectrometry for determination of cadmium. <i>Microchemical Journal</i> , 2017, 132, 293-298.	4.5	19
15	Effective ultrasound-assisted removal of heavy metal ions As(III), Hg(II), and Pb(II) from aqueous solution by new MgO/CuO and MgO/MnO ₂ nanocomposites. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 613-621.	2.2	20
16	Toxic compounds from tobacco in placenta samples analyzed by UPLC-QTOF-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 331-338.	2.8	29
17	Colorimetric detection of biothiols based on aggregation of chitosan-stabilized silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 27-34.	3.9	30
18	Cadmium determination based on silver nanoparticles modified with 1,13-bis(8-quinolyl)-1,4,7,10,13-pentaoxatridecane. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1469-1476.	2.2	3

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19	Silver nanoparticles modified with thiomalic acid as a colorimetric probe for determination of cystamine. <i>Mikrochimica Acta</i> , 2017, 184, 253-259.	5.0	9
20	Colorimetric Detection of Cu (II) in Water and Urine Samples Using 2,2'- Thiodiacetic Acid Modified Silver Nanoparticles. <i>Current Analytical Chemistry</i> , 2017, 13, 167-173.	1.2	3
21	Ultrasound-assisted emulsification microextraction and preconcentration of trace amounts of silver ions as a cyclam complex. <i>Journal of Analytical Science and Technology</i> , 2016, 7, .	2.1	4
22	Determination of trace amounts of cadmium, copper and nickel in environmental water and food samples using GO/MgO nanocomposite as a new sorbent. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 831-839.	2.2	17
23	Ultra-trace determination of arsenic species in environmental waters, food and biological samples using a modified aluminum oxide nanoparticle sorbent and AAS detection after multivariate optimization. <i>Mikrochimica Acta</i> , 2015, 182, 1957-1965.	5.0	51
24	Highly selective and sensitive photometric creatinine assay using silver nanoparticles. <i>Mikrochimica Acta</i> , 2015, 182, 1379-1386.	5.0	37
25	Colorimetric detection of Bi (III) in water and drug samples using pyridine-2,6-dicarboxylic acid modified silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 405-411.	3.9	25
26	Optimization of Auxiliary Solvent Demulsification Microextraction for Determination of Cyanide in Environmental Water and Biological Samples by Microvolume UV-Vis Spectrophotometry. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	0
27	Development of a dispersive liquid-liquid microextraction method for determination of palladium in water samples using dicyclohexano-18- crown-6 as extracting agent. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 79, 185-191.	1.6	11
28	Continuous sample drop flow-based microextraction method as a microextraction technique for determination of organic compounds in water sample. <i>Talanta</i> , 2014, 129, 309-314.	5.5	26
29	Synthesis and Application of Magnetic Nanoparticle Supported Ephedrine as a New Sorbent for Preconcentration of Trace Amounts of Pb and Cu in Water Samples. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	0
30	Combination of Directly Suspended Droplet Microextraction and Flame Atomic Absorption Spectrometry for Determination of Trace Amounts of Iron and Copper. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	3
31	Ionic liquid-based dispersive liquid-liquid microextraction for determination of trace amounts of iron in water, rock and human blood serum samples. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 1167-1173.	2.2	13
32	Development of ultrasound-assisted emulsification solidified floating organic drop microextraction for determination of trace amounts of iron and copper in water, food and rock samples. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 113-121.	2.2	43
33	Spectrophotometric Determination of Trace Amounts of Uranium(VI) using Modified Magnetic Iron Oxide Nanoparticles in Environmental and Biological Samples. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	3
34	Ultrasound Assisted Emulsification Microextraction Based on dimethyl Iron in Water and Tea Samples. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 659-666.	1.4	18
35	Simultaneous separation and extraction of Ag(I), Pb(II) and Pd(II) ions by solid phase method and determination of these ions by flame atomic absorption spectrometry. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 73, 151-159.	1.6	17
36	Preconcentration, determination and speciation of iron by solid-phase extraction using dimethyl	0.3	16

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37	Determination of Total Iron in Environmental Samples by Solid Phase Extraction with Dimethyl(2-Methoxyphenoxy)Butenedioate. Journal of the Chinese Chemical Society, 2010, 57, 118-123.	1.4	6
38	New PVC-membrane electrode based on charge-transfer inclusion complex between I ₂ and 1,4,8,11-tetraazacyclotetradecane for selective determination of I ³⁻ ions. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 169-175.	1.6	0
39	Conductance and Thermodynamic Study of the Complexation of Ammonium Ion with Different Crown Ethers in Binary Nonaqueous Solvents. Journal of the Chinese Chemical Society, 2008, 55, 377-384.	1.4	18
40	Triiodide PVC Membrane Electrode Based on a Charge-Transfer Complex of Iodine with Diterbutyl-Dicyclohexyl-18-Crown-6. Journal of the Chinese Chemical Society, 2008, 55, 1042-1048.	1.4	1
41	Solid phase extraction and flame atomic absorption spectroscopic determination of trace amounts of iron(III) using octadecyl silica membrane disks modified with 2-mercaptopyridine-1-oxide. Journal of the Iranian Chemical Society, 2007, 4, 490-496.	2.2	16
42	Triiodide Ion-Selective Electrode Based on Charge-Transfer Complex of 4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane. Journal of the Chinese Chemical Society, 2006, 53, 1133-1139.	1.4	11
43	Charge-Transfer Triiodide Ion-Selective Electrode Based on 7,16-Dibenzyl-1,4,10,13-tetraoxa-7,16-diazacyclooctadecane. Analytical Sciences, 2005, 21, 297-302.	1.6	10
44	Amperometric Detection of Morphine at Preheated Glassy Carbon Electrode Modified with Multiwall Carbon Nanotubes. Electroanalysis, 2005, 17, 873-879.	2.9	102
45	Amperometric Detection of Dopamine in the Presence of Ascorbic Acid Using a Nafion Coated Glassy Carbon Electrode Modified with Catechin Hydrate as a Natural Antioxidant. Mikrochimica Acta, 2004, 144, 161-169.	5.0	54
46	Preparation and electrocatalytic oxidation properties of a nickel pentacyanonitrosylferrate modified carbon composite electrode by two-step sol-gel technique: improvement of the catalytic activity. Electrochimica Acta, 2004, 49, 413-422.	5.2	43
47	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2003, 45, 117-121.	1.6	31
48	Thallium(â...)-Selective Membrane Potentiometric Sensor Based on Dibenzyl-diaza-18-Crown-6. Bulletin of the Korean Chemical Society, 2003, 24, 421-425.	1.9	42
49	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 40, 303-307.	1.6	24
50	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 109-113.	1.6	15
51	Highly selective and efficient membrane transport of palladium as PdCl ₂ ⁴⁻ ion using NH ₄ ⁺ -4-dibenzyl-diaza-18-crown-6 as carrier. Separation and Purification Technology, 1999, 16, 235-241.	7.9	18
52	Thiocyanate-Selective Membrane Electrode Based on (Octabromotetraphenylporphyrinato)manganese(III) Chloride. Electroanalysis, 1999, 11, 1340-1344.	2.9	70