Mohammad Reza Jamali

List of Publications by Year
in descending order

49 papers	2,070 citations	361413 20 h-index	233421 45 g-index
49 all docs	49 docs citations	49 times ranked	1749 citing authors

#	Article	IF	Citations
1	Dispersive liquidâ€“liquid microextraction combined with graphite furnace atomic absorption spectrometry. Analytica Chimica Acta, 2007, 585, 305-311.	5.4	377
2	Part-per-trillion determination of chlorobenzenes in water using dispersive liquidâ€“liquid microextraction combined gas chromatographyâ€“electron capture detection. Talanta, 2007, 72, 387-393.	5.5	253
3	Application of modified nano-alumina as a solid phase extraction sorbent for the preconcentration of Cd and Pb in water and herbal samples prior to flame atomic absorption spectrometry determination. Journal of Hazardous Materials, 2010, 178, 900-905.	12.4	139
4	Synthesis of salicylaldehyde-modified mesoporous silica and its application as a new sorbent for separation, preconcentration and determination of uranium by inductively coupled plasma atomic emission spectrometry. Analytica Chimica Acta, 2006, 579, 68-73.	5.4	134
5	Determination of Trihalomethanes in Drinking Water by Dispersive Liquidâ€“Liquid Microextraction then Gas Chromatography with Electron-Capture Detection. Chromatographia, 2007, 66, 81-86.	1.3	119
6	Simultaneous extraction and preconcentration of uranium and thorium in aqueous samples by new modified mesoporous silica prior to inductively coupled plasma optical emission spectrometry determination. Talanta, 2009, 80, 212-217.	5.5	105
7	Determination of ultra trace amounts of bismuth in biological and water samples by electrothermal atomic absorption spectrometry (ET-AAS) after cloud point extraction. Analytica Chimica Acta, 2005, 534, 163-169.	5.4	98
8	Application of thiophene-2-carbaldehyde-modified mesoporous silica as a new sorbent for separation and preconcentration of palladium prior to inductively coupled plasma atomic emission spectrometric determination. Talanta, 2007, 71, 1524-1529.	5.5	98
9	Ultrasound-assisted ionic liquid based dispersive liquidâ€“liquid microextraction and flame atomic absorption spectrometry of cobalt, copper, and zinc in environmental water samples. Journal of Molecular Liquids, 2014, 194, 166-171.	4.9	82
10	Study on column SPE with synthesized graphene oxide and FAAS for determination of trace amount of Co(II) and Ni(II) ions in real samples. Materials Science and Engineering C, 2015, 47, 114-122.	7.3	54
11	Homogeneous Liquidâ€“Liquid Extraction and Determination of Cobalt, Copper, and Nickel in Water Samples by Flame Atomic Absorption Spectrometry. Separation Science and Technology, 2007, 42, 3503-3515.	2.5	48
12	Solvent-assisted dispersive solid phase extraction. Talanta, 2013, 116, 454-459.	5.5	43
13	Micelleâ€Mediated Extraction for Direct Spectrophotometric Determination of Trace Uranium(VI) in Water Samples. Separation Science and Technology, 2005, 40, 2527-2537.	2.5	39
14	In-syringe solvent-assisted dispersive solid phase extraction followed by flame atomic absorption spectrometry for determination of nickel in water and food samples. Microchemical Journal, 2019, 144, 88-92.	4.5	38
15	Cloud Point Extraction and Preconcentration for the Determination of Cu and Ni in Natural Water by Flame Atomic Absorption Spectrometry. Separation Science and Technology, 2006, 41, 3065-3077.	2.5	37
16	Cloud-point extraction, preconcentration, and spectrophotometric determination of palladium in water samples. International Journal of Environmental Analytical Chemistry, 2006, 86, 1105-1112.	3.3	33
17	Determination of Antimony(III) and Total Antimony in Aqueous Samples by Electrothermal Atomic Absorption Spectrometry After Dispersive Liquidâ€“Liquid Microextraction (DLLME). Analytical Letters, 2010, 43, 2563-2571.	1.8	31
18	Fiber optic-linear array detection spectrophotometry in combination with dispersive liquid-liquid microextraction for preconcentration and determination of copper. Journal of Analytical Chemistry, 2010, 65, 153-158.	0.9	25

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19	Evaluation of synergism in dispersive liquidâ€“liquid microextraction for simultaneous preconcentration of some lanthanoids. Journal of Molecular Liquids, 2010, 151, 122-124.	4.9	25
20	Dispersive liquidâ€“liquid microextraction based on green type solventsâ€""deep eutectic solvents"â€"for highly selective separation and efficient preconcentration of nickel in water samples. Journal of the Iranian Chemical Society, 2019, 16, 1715-1722.	2.2	24
21	Use of 2-(tert-butoxy)-N-(3-carbamothioylphenyl)acetamide and graphene oxide for separation and preconcentration of Fe(III), Ni(II), Cu(II) and Zn(II) ions in different samples. Chinese Chemical Letters, 2014, 25, 791-793.	9.0	21
22	Development of ionic liquid-based in situ solvent formation microextraction for iron speciation and determination in water and food samples. Journal of Molecular Liquids, 2016, 216, 666-670.	4.9	19
23	Development of an in situ solvent formation microextraction and preconcentration method based on ionic liquids for the determination of trace cobalt (II) in water samples by flame atomic absorption spectrometry. Arabian Journal of Chemistry, 2017, 10, S321-S327.	4.9	19
24	Ultrasound Assisted Ferrofluid Dispersive Liquid Phase Microextraction Coupled with Flame Atomic Absorption Spectroscopy for the Determination of Cobalt in Environmental Samples. Analytical Letters, 2021, 54, 378-393.	1.8	17
25	Rapid spectrophotometric determination of trace amounts of palladium in water samples after dispersive liquidâ€“liquid microextraction. Environmental Monitoring and Assessment, 2013, 185, 6531-6537.	2.7	16
26	Use of Modified Î³-Alumina Nanoparticles for the Extraction and Preconcentration of Trace Amounts of Cadmium Ions. Australian Journal of Chemistry, 2016, 69, 314.	0.9	16
27	Ultrasound-Assisted Dispersive Liquidâ€“Liquid Microextraction (DLLME) Based on Solidification of Floating Organic Drop Using a Deep Eutectic Solvent for Simultaneous Preconcentration and Determination of Nickel and Cobalt in Food and Water Samples. Analytical Letters, 2021, 54, 2863-2873.	1.8	15
28	Speciation of Chromium in Water Samples with Homogeneous Liquid-Liquid Extraction and Determination by Flame Atomic Absorption Spectrometry. Bulletin of the Korean Chemical Society, 2010, 31, 2813-2818.	1.9	14
29	Extraction and preconcentration of ultra trace amounts of beryllium from aqueous samples by nanometer mesoporous silica functionalized by 2,4-dihydroxybenzaldehyde prior to ICP OES determination. Mikrochimica Acta, 2010, 169, 241-248.	5.0	13
30	Determination of nickel using cold-induced aggregation microextraction based on ionic liquid followed by flame atomic absorption spectrometry. Journal of Analytical Chemistry, 2014, 69, 426-431.	0.9	12
31	Removal of Sudan dyes from environmental waters and food samples with amine functionalized magnetic silica nanoparticles as solidâ€phase extraction adsorbent. Water and Environment Journal, 2018, 32, 630-636.	2.2	12
32	Preconcentration of Trace Uranium from Natural Water with Solid-Phase Extraction. Bulletin of the Chemical Society of Japan, 2003, 76, 545-548.	3.2	11
33	Highly selective cloud point extraction and preconcentration of trace amounts of silver in water samples using synthesized Schiffâ€™s base followed by flame atomic absorption spectrometric determination. Journal of Analytical Chemistry, 2006, 61, 124-128.	0.9	11
34	A novel separation/preconcentration procedure using in situ sorbent formation microextraction for the determination of cobalt (II) in water and food samples by flame atomic absorption spectrometry. Arabian Journal of Chemistry, 2017, 10, S3150-S3155.	4.9	10
35	Solvent-Assisted dispersive solid phase extraction of diclofenac from human serum and pharmaceutical tablets quantified by high-performance liquid chromatography. Microchemical Journal, 2020, 152, 104260.	4.5	10
36	Homogeneous Liquid-Liquid Extraction Method for Selective Separation and Preconcentration of Trace Amounts of Palladium. E-Journal of Chemistry, 2009, 6, 1077-1084.	0.5	7

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37	Determination of Trace Amounts of Palladium in Water Samples by Graphite Furnace Atomic Absorption Spectrometry after Dispersive Liquid-Liquid Microextraction. Journal of Chemistry, 2013, 2013, 1-6.	1.9	7
38	Determination of pholcodine in syrups and human plasma using the chemiluminescence system of tris(1,10 phenanthroline)ruthenium(II) and acidic Ce(IV). Luminescence, 2017, 32, 387-393.	2.9	7
39	Development of a Cloud-Point Extraction Method for Cobalt Determination in Natural Water Samples. Journal of Chemistry, 2013, 2013, 1-7.	1.9	6
40	Application of modified nano Î³-alumina as a solid-phase extraction sorbent combined with high-performance liquid chromatography for determination of phthalate esters in environmental water and soft drink samples. Desalination and Water Treatment, 2015, 53, 671-680.	1.0	6
41	Application of TiO2 Nanoparticles Modified Carbon Paste Electrode for the Determination of Vitamin B2. Journal of Analytical Chemistry, 2019, 74, 1213-1222.	0.9	6
42	Highly Sensitive Electrocatalytic Determination of Formaldehyde Using a Ni/Ionic Liquid Modified Carbon Nanotube Paste Electrode. Bulletin of Chemical Reaction Engineering and Catalysis, 2018, 13, 529-542.	1.1	6
43	Preconcentration and Determination of Cadmium in Water and Food Samples byin situSurfactant-Based Solid-Phase Extraction and Flame Atomic Absorption Spectrometry. Journal of the Brazilian Chemical Society, 2014, , .	0.6	3
44	Application of a synthetic ligand in rapidly synergistic cloud point method for separation and preconcentration trace amounts of copper of water samples. Separation Science Plus, 2021, 4, 370.	0.6	2
45	Preconcentration of Copper Using 1,5-Diphenyl Carbazide as the Complexing Agent via Dispersive Liquid-Liquid Microextraction and Determination by Flame Atomic Absorption Spectrometry. Journal of Chemistry, 2013, 2013, 1-7.	1.9	1
46	Ligand-less Rapidly Synergistic Cloud Point Extraction as an Efficient Method for the Separation and Preconcentration of Trace Amounts of Lead from Food and Water Samples. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1
47	Kinetic-Spectrophotometric Determination of Iodide Based on its Inhibitory Effect on the Decolorization Reaction of Methyl Orange. E-Journal of Chemistry, 2009, 6, 1267-1273.	0.5	0
48	Separation and Preconcentration of Trace Amounts of Manganese and Nickel from Natural Water Samples by a Diimine Derivative Schiff Base-Coated Silica-Gel Minicolumn. Journal of Chemistry, 2013, 2013, 1-6.	1.9	0
49	Decanoic Acid Reverse Micelle-Based Coacervates for Microextraction of Silver in Natural Waters Prior to Flame Atomic Absorption Spectrometry Determination. Journal of the Brazilian Chemical Society, 2016, , .	0.6	0