

Mohammad Reza Jamali

List of Publications by Year in descending order

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2,070
citations

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#	ARTICLE	IF	CITATIONS
1	Ultrasound Assisted Ferrofluid Dispersive Liquid Phase Microextraction Coupled with Flame Atomic Absorption Spectroscopy for the Determination of Cobalt in Environmental Samples. <i>Analytical Letters</i> , 2021, 54, 378-393.	1.8	17
2	Ultrasound-Assisted Dispersive Liquid-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. <i>Analytical Letters</i> , 2021, 54, 2863-2873.	1.8	15
3	Application of a synthetic ligand in rapidly synergistic cloud point method for separation and preconcentration trace amounts of copper of water samples. <i>Separation Science Plus</i> , 2021, 4, 370.	0.6	2
4	Solvent-Assisted dispersive solid phase extraction of diclofenac from human serum and pharmaceutical tablets quantified by high-performance liquid chromatography. <i>Microchemical Journal</i> , 2020, 152, 104260.	4.5	10
5	Dispersive liquid-liquid microextraction based on green type solvents and deep eutectic solvents for highly selective separation and efficient preconcentration of nickel in water samples. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1715-1722.	2.2	24
6	Application of TiO ₂ Nanoparticles Modified Carbon Paste Electrode for the Determination of Vitamin B ₂ . <i>Journal of Analytical Chemistry</i> , 2019, 74, 1213-1222.	0.9	6
7	In-syringe solvent-assisted dispersive solid phase extraction followed by flame atomic absorption spectrometry for determination of nickel in water and food samples. <i>Microchemical Journal</i> , 2019, 144, 88-92.	4.5	38
8	Removal of Sudan dyes from environmental waters and food samples with amine functionalized magnetic silica nanoparticles as solid-phase extraction adsorbent. <i>Water and Environment Journal</i> , 2018, 32, 630-636.	2.2	12
9	Highly Sensitive Electrocatalytic Determination of Formaldehyde Using a Ni/Ionic Liquid Modified Carbon Nanotube Paste Electrode. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2018, 13, 529-542.	1.1	6
10	Determination of pholcodine in syrups and human plasma using the chemiluminescence system of tris(1,10 phenanthroline)ruthenium(II) and acidic Ce(IV). <i>Luminescence</i> , 2017, 32, 387-393.	2.9	7
11	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. <i>Arabian Journal of Chemistry</i> , 2017, 10, S321-S327.	4.9	19
12	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. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3150-S3155.	4.9	10
13	Decanoic Acid Reverse Micelle-Based Coacervates for Microextraction of Silver in Natural Waters Prior to Flame Atomic Absorption Spectrometry Determination. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	0
14	Development of ionic liquid-based in situ solvent formation microextraction for iron speciation and determination in water and food samples. <i>Journal of Molecular Liquids</i> , 2016, 216, 666-670.	4.9	19
15	Use of Modified γ -Alumina Nanoparticles for the Extraction and Preconcentration of Trace Amounts of Cadmium Ions. <i>Australian Journal of Chemistry</i> , 2016, 69, 314.	0.9	16
16	Application of modified nano γ -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. <i>Desalination and Water Treatment</i> , 2015, 53, 671-680.	1.0	6
17	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. <i>Materials Science and Engineering C</i> , 2015, 47, 114-122.	7.3	54
18	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. <i>Chinese Chemical Letters</i> , 2014, 25, 791-793.	9.0	21

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19	Ultrasound-assisted ionic liquid based dispersive liquid-liquid microextraction and flame atomic absorption spectrometry of cobalt, copper, and zinc in environmental water samples. <i>Journal of Molecular Liquids</i> , 2014, 194, 166-171.	4.9	82
20	Determination of nickel using cold-induced aggregation microextraction based on ionic liquid followed by flame atomic absorption spectrometry. <i>Journal of Analytical Chemistry</i> , 2014, 69, 426-431.	0.9	12
21	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. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	1
22	Preconcentration and Determination of Cadmium in Water and Food Samples by in situ Surfactant-Based Solid-Phase Extraction and Flame Atomic Absorption Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	3
23	Rapid spectrophotometric determination of trace amounts of palladium in water samples after dispersive liquid-liquid microextraction. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 6531-6537.	2.7	16
24	Solvent-assisted dispersive solid phase extraction. <i>Talanta</i> , 2013, 116, 454-459.	5.5	43
25	Preconcentration of Copper Using 1,5-Diphenyl Carbazide as the Complexing Agent via Dispersive Liquid-Liquid Microextraction and Determination by Flame Atomic Absorption Spectrometry. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	1.9	1
26	Separation and Preconcentration of Trace Amounts of Manganese and Nickel from Natural Water Samples by a Diimine Derivative Schiff Base-Coated Silica-Gel Minicolumn. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	0
27	Determination of Trace Amounts of Palladium in Water Samples by Graphite Furnace Atomic Absorption Spectrometry after Dispersive Liquid-Liquid Microextraction. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	7
28	Development of a Cloud-Point Extraction Method for Cobalt Determination in Natural Water Samples. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	1.9	6
29	Fiber optic-linear array detection spectrophotometry in combination with dispersive liquid-liquid microextraction for preconcentration and determination of copper. <i>Journal of Analytical Chemistry</i> , 2010, 65, 153-158.	0.9	25
30	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. <i>Mikrochimica Acta</i> , 2010, 169, 241-248.	5.0	13
31	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. <i>Journal of Hazardous Materials</i> , 2010, 178, 900-905.	12.4	139
32	Evaluation of synergism in dispersive liquid-liquid microextraction for simultaneous preconcentration of some lanthanoids. <i>Journal of Molecular Liquids</i> , 2010, 151, 122-124.	4.9	25
33	Determination of Antimony(III) and Total Antimony in Aqueous Samples by Electrothermal Atomic Absorption Spectrometry After Dispersive Liquid-Liquid Microextraction (DLLME). <i>Analytical Letters</i> , 2010, 43, 2563-2571.	1.8	31
34	Speciation of Chromium in Water Samples with Homogeneous Liquid-Liquid Extraction and Determination by Flame Atomic Absorption Spectrometry. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2813-2818.	1.9	14
35	Homogeneous Liquid-Liquid Extraction Method for Selective Separation and Preconcentration of Trace Amounts of Palladium. <i>E-Journal of Chemistry</i> , 2009, 6, 1077-1084.	0.5	7
36	Kinetic-Spectrophotometric Determination of Iodide Based on its Inhibitory Effect on the Decolorization Reaction of Methyl Orange. <i>E-Journal of Chemistry</i> , 2009, 6, 1267-1273.	0.5	0

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37	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. <i>Talanta</i> , 2009, 80, 212-217.	5.5	105
38	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. <i>Talanta</i> , 2007, 71, 1524-1529.	5.5	98
39	Part-per-trillion determination of chlorobenzenes in water using dispersive liquid-liquid microextraction combined gas chromatography-electron capture detection. <i>Talanta</i> , 2007, 72, 387-393.	5.5	253
40	Homogeneous Liquid-Liquid Extraction and Determination of Cobalt, Copper, and Nickel in Water Samples by Flame Atomic Absorption Spectrometry. <i>Separation Science and Technology</i> , 2007, 42, 3503-3515.	2.5	48
41	Dispersive liquid-liquid microextraction combined with graphite furnace atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2007, 585, 305-311.	5.4	377
42	Determination of Trihalomethanes in Drinking Water by Dispersive Liquid-Liquid Microextraction then Gas Chromatography with Electron-Capture Detection. <i>Chromatographia</i> , 2007, 66, 81-86.	1.3	119
43	Cloud-point extraction, preconcentration, and spectrophotometric determination of palladium in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2006, 86, 1105-1112.	3.3	33
44	Cloud Point Extraction and Preconcentration for the Determination of Cu and Ni in Natural Water by Flame Atomic Absorption Spectrometry. <i>Separation Science and Technology</i> , 2006, 41, 3065-3077.	2.5	37
45	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. <i>Analytica Chimica Acta</i> , 2006, 579, 68-73.	5.4	134
46	Highly selective cloud point extraction and preconcentration of trace amounts of silver in water samples using synthesized Schiff's base followed by flame atomic absorption spectrometric determination. <i>Journal of Analytical Chemistry</i> , 2006, 61, 124-128.	0.9	11
47	Determination of ultra trace amounts of bismuth in biological and water samples by electrothermal atomic absorption spectrometry (ET-AAS) after cloud point extraction. <i>Analytica Chimica Acta</i> , 2005, 534, 163-169.	5.4	98
48	Micelle-Mediated Extraction for Direct Spectrophotometric Determination of Trace Uranium(VI) in Water Samples. <i>Separation Science and Technology</i> , 2005, 40, 2527-2537.	2.5	39
49	Preconcentration of Trace Uranium from Natural Water with Solid-Phase Extraction. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 545-548.	3.2	11