

Mohammad Behbahani

List of Publications by Year in descending order

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109
papers

5,035
citations

44042

48
h-index

106281

65
g-index

113
all docs

113
docs citations

113
times ranked

3921
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of magnetic metal-organic framework (MOF) as a novel sorbent, and its optimization by experimental design methodology for determination of palladium in environmental samples. <i>Talanta</i> , 2012, 99, 132-139.	2.9	158
2	Synthesis, characterization and application of novel lead imprinted polymer nanoparticles as a high selective electrochemical sensor for ultra-trace determination of lead ions in complex matrixes. <i>Electrochimica Acta</i> , 2014, 136, 59-65.	2.6	141
3	Simultaneous determination of hydroquinone and catechol at gold nanoparticles mesoporous silica modified carbon paste electrode. <i>Journal of Hazardous Materials</i> , 2016, 318, 117-124.	6.5	134
4	Preparation and application of poly(2-amino thiophenol)/MWCNTs nanocomposite for adsorption and separation of cadmium and lead ions via solid phase extraction. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 93-100.	6.5	123
5	Synthesis and characterisation of nano structure lead (II) ion-imprinted polymer as a new sorbent for selective extraction and preconcentration of ultra trace amounts of lead ions from vegetables, rice, and fish samples. <i>Food Chemistry</i> , 2013, 138, 2050-2056.	4.2	122
6	Application of solvent-assisted dispersive solid phase extraction as a new, fast, simple and reliable preconcentration and trace detection of lead and cadmium ions in fruit and water samples. <i>Food Chemistry</i> , 2015, 187, 82-88.	4.2	107
7	Combination of graphene oxide-based solid phase extraction and electro membrane extraction for the preconcentration of chlorophenoxy acid herbicides in environmental samples. <i>Journal of Chromatography A</i> , 2013, 1300, 227-235.	1.8	100
8	A palladium imprinted polymer for highly selective and sensitive electrochemical determination of ultra-trace of palladium ions. <i>Electrochimica Acta</i> , 2014, 149, 108-116.	2.6	94
9	Solid phase extraction and trace monitoring of cadmium ions in environmental water and food samples based on modified magnetic nanoporous silica. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 395, 213-220.	1.0	89
10	Solid phase extraction using nanoporous MCM-41 modified with 3,4-dihydroxybenzaldehyde for simultaneous preconcentration and removal of gold(III), palladium(II), copper(II) and silver(I). <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2248-2255.	2.9	88
11	Application of a magnetic molecularly imprinted polymer for the selective extraction and trace detection of lamotrigine in urine and plasma samples. <i>Journal of Separation Science</i> , 2014, 37, 1610-1616.	1.3	85
12	Ordered carbohydrate-derived porous carbons immobilized gold nanoparticles as a new electrode material for electrocatalytical oxidation and determination of nicotinamide adenine dinucleotide. <i>Biosensors and Bioelectronics</i> , 2014, 59, 412-417.	5.3	80
13	Application of a New Functionalized Nanoporous Silica for Simultaneous Trace Separation and Determination of Cd(II), Cu(II), Ni(II), and Pb(II) in Food and Agricultural Products. <i>Food Analytical Methods</i> , 2013, 6, 1320-1329.	1.3	78
14	A metal-organic framework sustained by a nanosized Ag ₁₂ cuboctahedral node for solid-phase extraction of ultra traces of lead(II) ions. <i>Mikrochimica Acta</i> , 2014, 181, 999-1007.	2.5	78
15	Low cost thiol-functionalized mesoporous silica, KIT-6-SH, as a useful adsorbent for cadmium ions removal: A study on the adsorption isotherms and kinetics of KIT-6-SH. <i>Microchemical Journal</i> , 2019, 145, 460-469.	2.3	78
16	Application of surfactant assisted dispersive liquid-liquid microextraction as an efficient sample treatment technique for preconcentration and trace detection of zonisamide and carbamazepine in urine and plasma samples. <i>Journal of Chromatography A</i> , 2013, 1308, 25-31.	1.8	75
17	Application of Ultrasonic Assisted-Dispersive Solid Phase Extraction Based on Ion-Imprinted Polymer Nanoparticles for Preconcentration and Trace Determination of Lead Ions in Food and Water Samples. <i>Food Analytical Methods</i> , 2017, 10, 2454-2466.	1.3	75
18	Application of multiwalled carbon nanotubes modified by diphenylcarbazine for selective solid phase extraction of ultra traces Cd(II) in water samples and food products. <i>Food Chemistry</i> , 2013, 141, 48-53.	4.2	74

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19	Monitoring of trace amounts of heavy metals in different food and water samples by flame atomic absorption spectrophotometer after preconcentration by amine-functionalized graphene nanosheet. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 7245-7257.	1.3	73
20	Simultaneous separation and determination of trace amounts of Cd(II) and Cu(II) in environmental samples using novel diphenylcarbazide modified nanoporous silica. <i>Talanta</i> , 2012, 89, 455-461.	2.9	72
21	Optimization of Cu(II)-ion imprinted nanoparticles for trace monitoring of copper in water and fish samples using a Box-Behnken design. <i>Reactive and Functional Polymers</i> , 2013, 73, 23-29.	2.0	72
22	A pH responsive nanogel composed of magnetite, silica and poly(4-vinylpyridine) for extraction of Cd(II), Cu(II), Ni(II) and Pb(II). <i>Mikrochimica Acta</i> , 2016, 183, 111-121.	2.5	72
23	Synthesis, characterization and analytical application of Zn(II)-imprinted polymer as an efficient solid-phase extraction technique for trace determination of zinc ions in food samples. <i>Journal of Food Composition and Analysis</i> , 2014, 34, 81-89.	1.9	71
24	Modified 3D Graphene-Au as a Novel Sensing Layer for Direct and Sensitive Electrochemical Determination of Carbaryl Pesticide in Fruit, Vegetable, and Water Samples. <i>Food Analytical Methods</i> , 2018, 11, 3005-3014.	1.3	70
25	Selective Solid-Phase Extraction and Trace Monitoring of Lead Ions in Food and Water Samples Using New Lead-Imprinted Polymer Nanoparticles. <i>Food Analytical Methods</i> , 2015, 8, 558-568.	1.3	68
26	A nanostructured ion-imprinted polymer for the selective extraction and preconcentration of ultra-trace quantities of nickel ions. <i>Mikrochimica Acta</i> , 2012, 178, 429-437.	2.5	66
27	Mercapto-ordered carbohydrate-derived porous carbon electrode as a novel electrochemical sensor for simple and sensitive ultra-trace detection of omeprazole in biological samples. <i>Materials Science and Engineering C</i> , 2015, 48, 213-219.	3.8	66
28	A novel lead imprinted polymer as the selective solid phase for extraction and trace detection of lead ions by flame atomic absorption spectrophotometry: Synthesis, characterization and analytical application. <i>Arabian Journal of Chemistry</i> , 2017, 10, S2499-S2508.	2.3	66
29	The use of tetragonal star-like polyaniline nanostructures for efficient solid phase extraction and trace detection of Pb(II) and Cu(II) in agricultural products, sea foods, and water samples. <i>Food Chemistry</i> , 2014, 158, 14-19.	4.2	64
30	Application of molecular imprinted polymer nanoparticles as a selective solid phase extraction for preconcentration and trace determination of 2,4-dichlorophenoxyacetic acid in the human urine and different water samples. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 137.	1.4	63
31	Application of magnetic lamotrigine-imprinted polymer nanoparticles as an electrochemical sensor for trace determination of lamotrigine in biological samples. <i>RSC Advances</i> , 2016, 6, 32374-32380.	1.7	63
32	A nanosized cadmium(II)-imprinted polymer for use in selective trace determination of cadmium in complex matrices. <i>Mikrochimica Acta</i> , 2013, 180, 1117-1125.	2.5	62
33	Preconcentration and separation of ultra-trace palladium ion using pyridine-functionalized magnetic nanoparticles. <i>Mikrochimica Acta</i> , 2012, 178, 261-268.	2.5	60
34	Synthesis, characterization and application of poly(acrylamide-co-methylenbisacrylamide) nanocomposite as a colorimetric chemosensor for visual detection of trace levels of Hg and Pb ions. <i>Journal of Hazardous Materials</i> , 2015, 285, 109-116.	6.5	59
35	Implementation of an ultrasonic assisted dispersive $\hat{1}/4$ -solid phase extraction method for trace analysis of lead in aqueous and urine samples. <i>Microchemical Journal</i> , 2019, 146, 782-788.	2.3	59
36	Selective and Sensitive Determination of Uranyl Ions in Complex Matrices by Ion Imprinted Polymers-Based Electrochemical Sensor. <i>Electroanalysis</i> , 2015, 27, 2458-2467.	1.5	58

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37	Application of mercapto ordered carbohydrate-derived porous carbons for trace detection of cadmium and copper ions in agricultural products. <i>Food Chemistry</i> , 2015, 173, 1207-1212.	4.2	56
38	Solid Phase Extraction of Pb(II) and Cd(II) in Food, Soil, and Water Samples Based on 1-(2-Pyridylazo)-2-Naphthol-Functionalized Organic-Inorganic Mesoporous Material with the aid of Experimental Design Methodology. <i>Food Analytical Methods</i> , 2015, 8, 982-993.	1.3	55
39	Application of Ion-Imprinted Polymer Nanoparticles for Selective Trace Determination of Palladium Ions in Food and Environmental Samples with the Aid of Experimental Design Methodology. <i>Food Analytical Methods</i> , 2015, 8, 1746-1757.	1.3	53
40	An efficient enhancement in thermal conductivity of water-based hybrid nanofluid containing MWCNTs-COOH and Ag nanoparticles: experimental study. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 3331-3343.	2.0	53
41	Dithione-modified nanoporous fructose as a novel sorbent for solid-phase extraction of ultra-trace levels of heavy metals. <i>Mikrochimica Acta</i> , 2013, 180, 911-920.	2.5	52
42	Application of Polypropylene Amine Dendrimers (POPAM)-Grafted MWCNTs Hybrid Materials as a New Sorbent for Solid-Phase Extraction and Trace Determination of Gold(III) and Palladium(II) in Food and Environmental Samples. <i>Food Analytical Methods</i> , 2014, 7, 957-966.	1.3	52
43	Synthesis and characterization of pyridine-functionalized magnetic mesoporous silica and its application for preconcentration and trace detection of lead and copper ions in fuel products. <i>Analytical Methods</i> , 2014, 6, 8785-8792.	1.3	52
44	Application of magnetic nanoparticles modified with poly(2-amino thiophenol) as a sorbent for solid phase extraction and trace detection of lead, copper and silver ions in food matrices. <i>RSC Advances</i> , 2015, 5, 67418-67426.	1.7	51
45	A new magnetic tailor made polymer for separation and trace determination of cadmium ions by flame atomic absorption spectrophotometry. <i>RSC Advances</i> , 2016, 6, 103499-103507.	1.7	51
46	Application of amino modified mesostructured cellular foam as an efficient mesoporous sorbent for dispersive solid-phase extraction of atrazine from environmental water samples. <i>Microchemical Journal</i> , 2019, 146, 753-762.	2.3	51
47	Application of a novel electrochemical sensor based on modified siliceous mesocellular foam for electrochemical detection of ultra-trace amounts of mercury ions. <i>New Journal of Chemistry</i> , 2016, 40, 4519-4527.	1.4	50
48	Application of dispersive solid phase extraction based on a surfactant-coated titanium-based nanomagnetic sorbent for preconcentration of bisphenol A in water samples. <i>Journal of Chromatography A</i> , 2017, 1518, 25-33.	1.8	50
49	Investigation of thermal conductivity of a new hybrid nanofluids based on mesoporous silica modified with copper nanoparticles: Synthesis, characterization and experimental study. <i>Journal of Molecular Liquids</i> , 2020, 300, 112337.	2.3	50
50	Coupling of solvent-based de-emulsification dispersive liquid-liquid microextraction with high performance liquid chromatography for simultaneous simple and rapid trace monitoring of 2,4-dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 2609-2618.	1.3	48
51	An amino-functionalized mesoporous silica (KIT-6) as a sorbent for dispersive and ultrasonication-assisted micro solid phase extraction of hippuric acid and methylhippuric acid, two biomarkers for toluene and xylene exposure. <i>Mikrochimica Acta</i> , 2018, 185, 505.	2.5	48
52	Efficient visible light-induced photocatalytic removal of paraquat using N-doped TiO ₂ @SiO ₂ @Fe ₃ O ₄ nanocomposite. <i>Journal of Molecular Liquids</i> , 2020, 299, 112167.	2.3	48
53	Modified nanoporous carbon as a novel sorbent before solvent-based de-emulsification dispersive liquid-liquid microextraction for ultra-trace detection of cadmium by flame atomic absorption spectrophotometry. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 51, 174-181.	2.5	46
54	Selective and sensitive determination of silver ions at trace levels based on ultrasonication-assisted dispersive solid-phase extraction using ion-imprinted polymer nanoparticles. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3758.	1.7	46

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55	A new nano-photocatalyst based on Pt and Bi co-doped TiO ₂ for efficient visible-light photo degradation of amoxicillin. <i>New Journal of Chemistry</i> , 2019, 43, 1562-1568.	1.4	45
56	Solvent-assisted dispersive solid-phase extraction: A sample preparation method for trace detection of diazinon in urine and environmental water samples. <i>Journal of Chromatography A</i> , 2016, 1462, 27-34.	1.8	44
57	The conjunction of a new ultrasonic-assisted dispersive solid-phase extraction method with HPLC-DAD for the trace determination of diazinon in biological and water media. <i>New Journal of Chemistry</i> , 2018, 42, 4289-4296.	1.4	41
58	A nanomagnetic and 3-mercaptopropyl-functionalized silica powder for dispersive solid phase extraction of Hg(II) prior to its determination by continuous-flow cold vapor AAS. <i>Mikrochimica Acta</i> , 2017, 184, 2317-2323.	2.5	40
59	Synthesis and characterization of diphenylcarbazide-siliceous mesocellular foam and its application as a novel mesoporous sorbent for preconcentration and trace detection of copper and cadmium ions. <i>RSC Advances</i> , 2015, 5, 68500-68509.	1.7	37
60	Application of a new nanoporous sorbent for extraction and pre-concentration of lead and copper ions. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 383-397.	1.8	37
61	Application of a dispersive micro-solid-phase extraction method for pre-concentration and ultra-trace determination of cadmium ions in water and biological samples. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4134.	1.7	36
62	Modification of magnetized MCM-41 by pyridine groups for ultrasonic-assisted dispersive micro-solid-phase extraction of nickel ions. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 6431-6440.	1.8	35
63	Application of a tailor-made polymer as a selective and sensitive colorimetric sensor for reliable detection of trace levels of uranyl ions in complex matrices. <i>RSC Advances</i> , 2015, 5, 59912-59920.	1.7	34
64	Trace monitoring of silver ions in food and water samples by flame atomic absorption spectrophotometry after preconcentration with solvent-assisted dispersive solid phase extraction. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 361.	1.3	33
65	Application of a surfactant-assisted dispersive liquid-liquid microextraction method along with central composite design for micro-volume based spectrophotometric determination of low level of Cr(VI) ions in aquatic samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 202, 36-40.	2.0	33
66	Application of Poly 1,8-diaminonaphthalene/multiwalled carbon nanotubes-COOH hybrid material as an efficient sorbent for trace determination of cadmium and lead ions in water samples. <i>Journal of Molecular Recognition</i> , 2014, 27, 421-428.	1.1	31
67	Application of 1-(2-pyridylazo)-2-naphthol-modified nanoporous silica as a technique in simultaneous trace monitoring and removal of toxic heavy metals in food and water samples. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4176.	1.3	31
68	Application of a dispersive solid-phase extraction method using an amino-based silica-coated nanomagnetic sorbent for the trace quantification of chlorophenoxyacetic acids in water samples. <i>Journal of Separation Science</i> , 2017, 40, 3479-3486.	1.3	30
69	Application of Dispersive Liquid-Liquid Micro-extraction Using Mean Centering of Ratio Spectra Method for Trace Determination of Mercury in Food and Environmental Samples. <i>Food Analytical Methods</i> , 2014, 7, 352-359.	1.3	29
70	Developing an ultrasonic-assisted d- μ -SPE method using amine-modified hierarchical lotus leaf-like mesoporous silica sorbent for the extraction and trace detection of lamotrigine and carbamazepine in biological samples. <i>Microchemical Journal</i> , 2020, 158, 105268.	2.3	29
71	Preconcentration and ultra-trace determination of hexavalent chromium ions using tailor-made polymer nanoparticles coupled with graphite furnace atomic absorption spectrometry: ultrasonic assisted-dispersive solid-phase extraction. <i>New Journal of Chemistry</i> , 2018, 42, 10357-10365.	1.4	28
72	Evaluation of adsorption and removal of methylparaben from aqueous solutions using amino-functionalized magnetic nanoparticles as an efficient adsorbent: Optimization and modeling by response surface methodology (RSM). , 0, 103, 248-260.		27

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73	Application of ultrasonication for facilitating the extraction of hippuric acid and methyl hippuric acid in real samples using $\text{Fe}_3\text{O}_4/\text{SiO}_2/\text{sodium dodecyl sulfate}$: experimental design methodology. <i>Analytical Methods</i> , 2018, 10, 4588-4595.	1.3	25
74	Coupling of Molecular Imprinted Polymer Nanoparticles by High Performance Liquid Chromatography as an Efficient Technique for Sensitive and Selective Trace Determination of 4-Chloro-2-Methylphenoxy Acetic Acid in Complex Matrices. <i>Iranian Journal of Public Health</i> , 2014, 43, 645-57.	0.3	25
75	A meticulous intelligent approach to predict thermal conductivity ratio of hybrid nanofluids for heat transfer applications. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 611-628.	2.0	23
76	Thiol-functionalized fructose-derived nanoporous carbon as a support for gold nanoparticles and its application for aerobic oxidation of alcohols in water. <i>Applied Organometallic Chemistry</i> , 2014, 28, 576-583.	1.7	22
77	Fabrication of a novel, sensitive and selective electrochemical sensor for antibiotic cefotaxime based on sodium montmorillonite nonoclay/electroreduced graphene oxide composite modified carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2017, 801, 450-458.	1.9	22
78	Synthesis and application of a thermosensitive tri-block copolymer as an efficient sample treatment technique for preconcentration and ultra-trace detection of lead ions. <i>Mikrochimica Acta</i> , 2014, 181, 129-137.	2.5	21
79	Application of modified hollow fiber liquid phase microextraction in conjunction with chromatography-electron capture detection for quantification of acrylamide in waste water samples at ultra-trace levels. <i>Journal of Chromatography A</i> , 2017, 1487, 30-35.	1.8	21
80	Separation/Enrichment of Copper and Silver Using Titanium Dioxide Nanoparticles Coated with Poly-Thiophene and Their Analysis by Flame Atomic Absorption Spectrophotometry. <i>American Journal of Analytical Chemistry</i> , 2013, 04, 90-98.	0.3	20
81	In silico assessment of new progesterone receptor inhibitors using molecular dynamics: a new insight into breast cancer treatment. <i>Journal of Molecular Modeling</i> , 2018, 24, 337.	0.8	20
82	Extraction of carbonyl derivatives from ozonated wastewater samples using hollow fiber liquid phase microextraction followed by gas chromatography-electron capture detection. <i>Microchemical Journal</i> , 2019, 148, 331-337.	2.3	20
83	Preparation of PAN-based electrospun nanofiber webs containing Ni-ZnO as high performance visible light photocatalyst. <i>Fibers and Polymers</i> , 2016, 17, 1969-1976.	1.1	19
84	Trace quantification of selected sulfonamides in aqueous media by implementation of a new dispersive solid-phase extraction method using a nanomagnetic titanium dioxide graphene-based sorbent and HPLC-UV. <i>Journal of Separation Science</i> , 2018, 41, 910-917.	1.3	19
85	Dispersive solid-phase extraction of selected nitrophenols from environmental water samples using a zirconium-based amino-tagged metal-organic framework nanosorbent. <i>Journal of Separation Science</i> , 2018, 41, 4159-4166.	1.3	19
86	Application of a new sample preparation method based on surfactant-assisted dispersive micro solid phase extraction coupled with ultrasonic power for easy and fast simultaneous preconcentration of toluene and xylene biomarkers from human urine samples. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1131-1138.	1.2	19
87	Efficient sample preparation method based on solvent-assisted dispersive solid-phase extraction for the trace detection of butachlor in urine and waste water samples. <i>Journal of Separation Science</i> , 2016, 39, 3798-3805.	1.3	18
88	Synthesis, characterization and photocatalytic application of $\text{TiO}_2/\text{magnetic graphene}$ for efficient photodegradation of crystal violet. <i>Applied Organometallic Chemistry</i> , 2018, 32, e3985.	1.7	18
89	Application of a novel bi-functional nanoadsorbent for the simultaneous removal of inorganic and organic compounds: Equilibrium, kinetic and thermodynamic studies. <i>Journal of Molecular Liquids</i> , 2019, 273, 543-550.	2.3	17
90	Synthesis and Characterization of Modified Multiwall Carbon Nanotubes With Poly (N-Phenylethanolamine) and Their Application for Removal and Trace Detection of Lead Ions in Food and Environmental Samples. <i>Food Analytical Methods</i> , 2015, 8, 1326-1334.	1.3	15

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91	Application of modified magnetic nanoparticles with amine groups as an efficient solid sorbent for simultaneous removal of 2,4-Dichlorophenoxyacetic acid and 2-methyl-4-chlorophenoxyacetic acid from aqueous solution: optimization and modeling. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 421-429.	1.2	15
92	An efficient sample preparation method based on dispersive liquid-liquid microextraction associated with back extraction for trace determination of acidic pharmaceuticals. <i>Arabian Journal of Chemistry</i> , 2020, 13, 1924-1932.	2.3	15
93	Nanofluids thermal conductivity prediction applying a novel hybrid data-driven model validated using Monte Carlo-based sensitivity analysis. <i>Engineering With Computers</i> , 2022, 38, 815-839.	3.5	15
94	A new dendrimer-functionalized magnetic nanosorbent for the efficient adsorption and subsequent trace measurement of Hg (II) ions in wastewater samples. <i>Journal of Molecular Liquids</i> , 2021, 323, 114472.	2.3	15
95	Combination of ultrasonic-assisted dispersive liquid phase micro-extraction with magnetic dispersive solid-phase extraction for the pre-concentration of trace amounts of atrazine in various water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 609-620.	1.8	15
96	Development of a New and Fast Extraction Method Based on Solvent-Assisted Dispersive Solid-Phase Extraction for Preconcentration and Trace Detection of Atrazine in Real Matrices. <i>Journal of AOAC INTERNATIONAL</i> , 2020, 103, 227-234.	0.7	15
97	Trace measurement of lead and cadmium ions in wastewater samples using a novel dithizone immobilized metal-organic framework-based dispersive solid-phase extraction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5715.	1.7	13
98	Photocatalytic Degradation of Metronidazole Using $\text{TiO}_2/\text{Bi}_2\text{O}_3$ Composites Under Visible Light Irradiation: Degradation Product, and Mechanisms. <i>ChemistrySelect</i> , 2019, 4, 10288-10295.	0.7	12
99	Application of a modified MWCNT-based d- μ SPE procedure for determination of bisphenols in soft drinks. <i>Food Chemistry</i> , 2022, 385, 132644.	4.2	12
100	Thermo-hydraulic performance of mesoporous silica with Cu nanoparticles in helically grooved tube. <i>Applied Thermal Engineering</i> , 2021, 185, 116436.	3.0	10
101	Development of Cu/mesoporous SBA-15 nanocomposite in ethylene glycol for thermal conductivity enhancement: Heat transfer applications. <i>International Communications in Heat and Mass Transfer</i> , 2020, 119, 104931.	2.9	9
102	Application of Amine Modified Magnetic Nanoparticles as an Efficient and Reusable Nanofluid for Removal of Ba^{2+} in High Saline Waters. <i>Silicon</i> , 2021, 13, 4443-4451.	1.8	6
103	A novel electrochemical method for the synthesis of 2,4-diamino-6-hydroxybenzofuro[2,3-b]pyridine-3-carbonitrile derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2012, 676, 48-52.	1.9	4
104	Synthesis of mesoporous silica for adsorption of chlordiazepoxide and its determination by HPLC: Experimental design. <i>Journal of Separation Science</i> , 2019, 42, 3253-3260.	1.3	4
105	Developing an Electrochemical Sensor Based on Modified Siliceous Mesocellular Foam for Efficient and Easy Monitoring of Cadmium Ions. <i>ChemistrySelect</i> , 2020, 5, 6617-6625.	0.7	4
106	Application of poly (N-phenylethanolamine) modified MWCNTs as a new sorbent for solid-phase extraction of trace palladium ions in soil and water samples. <i>Sample Preparation</i> , 2013, 1, .	0.4	3
107	Application of a new N,S-containing silica-coated nanomagnetic sorbent for the trace quantification of Hg(II) ions in aquatic samples: evaluation of adsorption mechanism. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 719-728.	1.2	3
108	Material Design of a Chromium Imprinted Polymer and its Application as a Highly Selective Electrochemical Sensor for Determining Chromium Ion at Trace Levels. <i>ChemistrySelect</i> , 2021, 6, 11939-11947.	0.7	3

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109	Photoelectrocatalytic degradation of sulphonamide antibiotics in aquatic media using a novel Co-doped ZnO nanocomposite: evaluation of performance, kinetic studies. International Journal of Environmental Analytical Chemistry, 0, , 1-12.	1.8	2