

# Ali Reza Fakhari Zavareh

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8154185/ali-reza-fakhari-zavareh-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130 papers	3,717 citations	34 h-index	54 g-index
142 ext. papers	4,021 ext. citations	3.9 avg, IF	5.67 L-index

#	Paper	IF	Citations
130	A novel electrochemical sensor based on metal-organic framework for electro-catalytic oxidation of L-cysteine. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 42, 426-9	11.8	208
129	PVC-Based Hexathia-18-crown-6-tetraone Sensor for Mercury(II) Ions. <i>Analytical Chemistry</i> , <b>1997</b> , 69, 3693-3696	7.8	170
128	Au-SH-SiO <sub>2</sub> nanoparticles supported on metal-organic framework (Au-SH-SiO <sub>2</sub> @Cu-MOF) as a sensor for electrocatalytic oxidation and determination of hydrazine. <i>Electrochimica Acta</i> , <b>2013</b> , 88, 301-309	6.7	161
127	Highly efficient solvent-free synthesis of quinazolin-4(3H)-ones and 2,3-dihydroquinazolin-4(1H)-ones using tetrabutylammonium bromide as novel ionic liquid catalyst. <i>Chinese Chemical Letters</i> , <b>2010</b> , 21, 550-553	8.1	134
126	A new method for the enhancement of electromembrane extraction efficiency using carbon nanotube reinforced hollow fiber for the determination of acidic drugs in spiked plasma, urine, breast milk and wastewater samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1285, 1-6	4.5	94
125	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> , <b>2013</b> , 1300, 227-35	4.5	94
124	Hydrodistillation-headspace solvent microextraction, a new method for analysis of the essential oil components of <i>Lavandula angustifolia</i> Mill. <i>Journal of Chromatography A</i> , <b>2005</b> , 1098, 14-8	4.5	93
123	Electrocatalytic oxidation and determination of insulin at nickel oxide nanoparticles-multiwalled carbon nanotube modified screen printed electrode. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 46, 130-5	11.8	87
122	Electro membrane extraction combined with capillary electrophoresis for the determination of amlodipine enantiomers in biological samples. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 3231-8	3.4	83
121	A multi-component electro-organic synthesis of 2-amino-4H-chromenes. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 7194-7196	2	81
120	A palladium imprinted polymer for highly selective and sensitive electrochemical determination of ultra-trace of palladium ions. <i>Electrochimica Acta</i> , <b>2014</b> , 149, 108-116	6.7	80
119	Development and application of carbon nanotubes assisted electromembrane extraction (CNTs/EME) for the determination of buprenorphine as a model of basic drugs from urine samples. <i>Analytica Chimica Acta</i> , <b>2013</b> , 767, 75-80	6.6	71
118	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> , <b>2014</b> , 34, 81-89	4.1	65
117	Synthesis and analytical application of a novel tetradentate N(2)O(2) Schiff base as a chromogenic reagent for determination of nickel in some natural food samples. <i>Talanta</i> , <b>2005</b> , 66, 813-7	6.2	62
116	Electromembrane extraction combined with cyclodextrin-modified capillary electrophoresis for the quantification of trimipramine enantiomers. <i>Electrophoresis</i> , <b>2012</b> , 33, 506-15	3.6	61
115	Electrocatalytic oxidation of hydrazine at glassy carbon electrode modified with ethylenediamine cellulose immobilized palladium nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , <b>2013</b> , 690, 96-103	4.1	56
114	Simultaneous determination of acidic and basic drugs using dual hollow fibre electromembrane extraction combined with CE. <i>Electrophoresis</i> , <b>2013</b> , 34, 269-76	3.6	54

113	Determination of nickel in natural waters by FAAS after sorption on octadecyl silica membrane disks modified with a recently synthesized Schiff's base. <i>Talanta</i> , <b>2004</b> , 64, 13-7	6.2	54
112	Copper-selective PVC membrane electrodes based on salens as carriers. <i>Sensors and Actuators B: Chemical</i> , <b>2005</b> , 104, 317-323	8.5	51
111	Zn(II)-selective membrane electrode based on tetra(2-aminophenyl) porphyrin. <i>Analytica Chimica Acta</i> , <b>2002</b> , 460, 177-183	6.6	49
110	Pre-concentration of ultra trace amounts of copper, zinc, cobalt and nickel in environmental water samples using modified C18 extraction disks and determination by inductively coupled plasma-optical emission spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2004</b> , 1, 113-122	1.8	47
109	A new platform for sensing urinary morphine based on carrier assisted electromembrane extraction followed by adsorptive stripping voltammetric detection on screen-printed electrode. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 54, 189-94	11.8	46
108	An all-in-one electro-membrane extraction: development of an electro-membrane extraction method for the simultaneous extraction of acidic and basic drugs with a wide range of polarities. <i>Journal of Chromatography A</i> , <b>2014</b> , 1361, 95-9	4.5	43
107	Electrically-enhanced microextraction combined with maltodextrin-modified capillary electrophoresis for quantification of tolterodine enantiomers in biological samples. <i>Microchemical Journal</i> , <b>2013</b> , 106, 186-193	4.8	42
106	Development of a stability-indicating CE assay for the determination of amlodipine enantiomers in commercial tablets. <i>Electrophoresis</i> , <b>2008</b> , 29, 4583-92	3.6	42
105	Development of carbon-nanotube-assisted electromembrane extraction in the two-phase mode combined with GC for the determination of basic drugs. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 85-91	3.4	41
104	Electrochemical synthesis of 5,6-dihydroxy-2-methyl-1-benzofuran-3-carboxylate derivatives. <i>Tetrahedron</i> , <b>2007</b> , 63, 3894-3898	2.4	40
103	Optimized ultrasound-assisted extraction procedure for the analysis of opium alkaloids in papaver plants by cyclodextrin-modified capillary electrophoresis. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 2153-9	3.4	38
102	Electrosynthesis of an imidazole derivative and its application as a bifunctional electrocatalyst for simultaneous determination of ascorbic acid, adrenaline, acetaminophen, and tryptophan at a multi-wall carbon nanotubes modified electrode surface. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 608-14	11.8	37
101	Application of nonionic surfactant as a new method for the enhancement of electromembrane extraction performance for determination of basic drugs in biological samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1378, 1-7	4.5	35
100	Low-voltage electromembrane extraction combined with cyclodextrin modified capillary electrophoresis for the determination of phenoxy acid herbicides in environmental samples. <i>Analytical Methods</i> , <b>2013</b> , 5, 1548	3.2	35
99	Hydrodistillation-Solvent Microextraction and GC/MS Identification of Volatile Components of <i>Artemisia aucheri</i> . <i>Chromatographia</i> , <b>2007</b> , 66, 283-286	2.1	35
98	Non-aqueous capillary electrophoresis with red light emitting diode absorbance detection for the analysis of basic dyes. <i>Analytica Chimica Acta</i> , <b>2006</b> , 580, 188-93	6.6	34
97	An NMR study of the stoichiometry and stability of lithium ion complexes with 12-crown-4, 15-crown-5 and 18-crown-6 in binary Acetonitrile-Nitrobenzene mixtures. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>1996</b> , 26, 243-251		34
96	Electrically assisted liquid-phase microextraction combined with capillary electrophoresis for quantification of propranolol enantiomers in human body fluids. <i>Chirality</i> , <b>2014</b> , 26, 260-7	2.1	31

95	Impedimetric and stripping voltammetric determination of methamphetamine at gold nanoparticles-multiwalled carbon nanotubes modified screen printed electrode. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 218, 271-279	8.5	31
94	Fabrication of novel redox-active poly (4,5-dihydro-1,3-thiazol-2-ylsulfanyl-3-methyl-1,2-benzenediol)-gold nanoparticles film on MWCNTs modified electrode: Application as the electrochemical sensor for the determination of hydrazine. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 218, 63-71	8.5	31
93	Optimization of electromembrane extraction combined with differential pulse voltammetry using modified screen-printed electrode for the determination of sufentanil. <i>Electrochimica Acta</i> , <b>2013</b> , 96, 117-123	6.7	31
92	Study of New Extraction Methods for Separation of Anthocyanins from Red Grape Skins: Analysis by HPLC and LC-MS/MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2008</b> , 31, 2686-2703 <sup>1,3</sup>		31
91	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> , <b>2016</b> , 1462, 27-34	4.5	31
90	Electrocatalytic oxidation of oxalic acid on palladium nanoparticles encapsulated on polyamidoamine dendrimer-grafted multi-walled carbon nanotubes hybrid material. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 171-172, 611-618	8.5	30
89	Novel 8,9-dihydroxy-7-methyl-12H-benzothiazolo[2,3-b]quinazolin-12-one multiwalled carbon nanotubes paste electrode for simultaneous determination of ascorbic acid, acetaminophen and tryptophan. <i>Analytical Methods</i> , <b>2012</b> , 4, 3275	3.2	29
88	A novel platform sensing based on combination of electromembrane-assisted solid phase microextraction with linear sweep voltammetry for the determination of tramadol. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 747, 12-19	4.1	27
87	A study of the electrochemical behavior of an oxadiazole derivative electrodeposited on multi-wall carbon nanotube-modified electrode and its application as a hydrazine sensor. <i>Journal of Solid State Electrochemistry</i> , <b>2011</b> , 15, 2683-2693	2.6	27
86	Multivariate optimization of hydrodistillation-headspace solvent microextraction of thymol and carvacrol from <i>Thymus transcaspicus</i> . <i>Talanta</i> , <b>2009</b> , 79, 695-9	6.2	27
85	Application of pH-sensitive magnetic nanoparticles microgel as a sorbent for the preconcentration of phenoxy acid herbicides in water samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1407, 21-9	4.5	26
84	Chiral separation and quantitation of cetirizine and hydroxyzine by maltodextrin-mediated CE in human plasma: effect of zwitterionic property of cetirizine on enantioseparation. <i>Electrophoresis</i> , <b>2011</b> , 32, 764-71	3.6	26
83	IRON(III)-SELECTIVE MEMBRANE POTENTIOMETRIC SENSOR BASED ON 5,10,15,20-TETRAKIS-(PENTAFLUOROPHENYL)-21H,23H-PORPHYRIN. <i>Analytical Letters</i> , <b>2001</b> , 34, 1097-1106 <sup>2,2</sup>		26
82	Application of electromembrane extraction followed by corona discharge ion mobility spectrometry analysis as a fast and sensitive technique for determination of tricyclic antidepressants in urine samples. <i>Microchemical Journal</i> , <b>2016</b> , 129, 41-48	4.8	26
81	Selective uphill Zn <sup>2+</sup> transport via a bulk liquid membrane using an azacrown ether carrier. <i>Separation and Purification Technology</i> , <b>2006</b> , 50, 77-81	8.3	24
80	Mechanistic study of electrochemical oxidation of o-dihydroxybenzenes in the presence of 4-hydroxy-1-methyl-2(1H)-quinolone. <i>Electrochimica Acta</i> , <b>2005</b> , 51, 739-744	6.7	24
79	Investigation of Cracking by Cylindrical Dielectric Barrier Discharge Reactor on the n-Hexadecane as a Model Compound. <i>IEEE Transactions on Plasma Science</i> , <b>2011</b> , 39, 1807-1813	1.3	23
78	Evaluation of sulfated maltodextrin as a novel anionic chiral selector for the enantioseparation of basic chiral drugs by capillary electrophoresis. <i>Electrophoresis</i> , <b>2015</b> , 36, 305-11	3.6	22

77	Electrochemical Determination of Dextromethorphan on Reduced Graphene Oxide Modified Screen-Printed Electrode after Electromembrane Extraction. <i>Electroanalysis</i> , <b>2014</b> , 26, 521-529	3	22
76	Separation of Nile Blue-labelled fatty acids by CE with absorbance detection using a red light-emitting diode. <i>Electrophoresis</i> , <b>2007</b> , 28, 1252-8	3.6	22
75	Surfactant-assisted electromembrane extraction combined with capillary electrophoresis as a novel technique for the determination of acidic drugs in biological fluids. <i>Electrophoresis</i> , <b>2015</b> , 36, 3034-41	3.6	21
74	A new method based on headspace adsorptive accumulation using a carboxylated multi-walled carbon nanotubes modified electrode: application for trace determination of nitrobenzene and nitrotoluene in water and wastewater. <i>Analytical Methods</i> , <b>2011</b> , 3, 2593	3.2	21
73	An efficient regioselective synthesis of highly functionalized 3-oxo-2,3-dihydro-5H-thiazolo[3,2-a]pyrimidines via an isocyanide-based three-component reaction. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 1351-1353	2	20
72	Electrocatalytic determination of oxalic acid by TiO <sub>2</sub> nanoparticles/multiwalled carbon nanotubes modified electrode. <i>Analytical Methods</i> , <b>2012</b> , 4, 3314	3.2	20
71	A novel strategy based on surfactant assisted electromembrane extraction for the determination of dicamba and 2,4-DB as model herbicides in real water samples. <i>RSC Advances</i> , <b>2016</b> , 6, 4843-4849	3.7	19
70	Efficient synthesis of novel spiro[indole-3,6?-pyrano[2,3-d][1,3]thiazolo[3,2-a]pyrimidine derivatives through an organobase-catalyzed, three-component reaction. <i>Tetrahedron</i> , <b>2015</b> , 71, 2458-2462	2.4	19
69	Ultrasound assisted dispersive solid phase extraction of triazole fungicides by using an N-heterocyclic carbene copper complex supported on ionic liquid-modified graphene oxide as a sorbent. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 209	5.8	18
68	Metal-organic framework enhanced electromembrane extraction: a conceptual study using basic drugs as model substances. <i>Analytical Methods</i> , <b>2017</b> , 9, 5646-5652	3.2	18
67	Stability evaluation of tramadol enantiomers using a chiral stability-indicating capillary electrophoresis method and its application to pharmaceutical analysis. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 1613-20	3.4	18
66	Immersed single-drop microextraction combined with gas chromatography for the determination of sufentanil and alfentanil in urine and wastewater samples. <i>Analytical Methods</i> , <b>2011</b> , 3, 951	3.2	18
65	Rapid essential oil screening of Rosmarinus officinalis L. by hydrodistillation-headspace solvent microextraction. <i>Flavour and Fragrance Journal</i> , <b>2007</b> , 22, 280-285	2.5	18
64	Stability-indicating high-performance thin-layer chromatographic determination of levonorgestrel and ethinyloestradiol in bulk drug and in low-dosage oral contraceptives. <i>Analytica Chimica Acta</i> , <b>2006</b> , 572, 237-42	6.6	18
63	Efficient synthesis of novel pyrano[2,3-d]pyrido[1,2-a]pyrimidine derivatives via isocyanide-based three-component reactions. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 100-102	2	17
62	Development of an Electrochemical Sensor Based on Reduced Graphene Oxide Modified Screen-Printed Carbon Electrode for the Determination of Buprenorphine. <i>Electroanalysis</i> , <b>2014</b> , 26, 2474-2483	3	17
61	A facile electrochemical method for the synthesis of phenazine derivatives via an ECECC pathway. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 5622-5624	2	17
60	Electrochemical study of catechols in the presence of 2-thiazoline-2-thiol: application to electrochemical synthesis of new 4,5-dihydro-1,3-thiazol-2-ylsulfanyl-1,2-benzenediol derivatives. <i>Journal of Applied Electrochemistry</i> , <b>2008</b> , 38, 1743-1747	2.6	17

59	Surfactant-assisted electromembrane extraction combined with cyclodextrin-modified capillary electrophoresis for the separation and quantification of Tranylcypromine enantiomers in biological samples. <i>Journal of Separation Science</i> , <b>2018</b> , 41, 475-482	3.4	16
58	All-in-one solid-phase microextraction: Development of a selective solid-phase microextraction fiber assembly for the simultaneous and efficient extraction of analytes with different polarities. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 1709-16	3.4	16
57	Electrochemical study of catechols in the presence of 4,6-dihydroxy-2-methylpyrimidine. <i>Journal of Electroanalytical Chemistry</i> , <b>2005</b> , 577, 205-210	4.1	16
56	Simultaneous chiral separation of tramadol and methadone in tablets, human urine, and plasma by capillary electrophoresis using maltodextrin as the chiral selector. <i>Chirality</i> , <b>2018</b> , 30, 1161-1168	2.1	15
55	Electro-oxidation and adsorptive stripping voltammetric determination of ephedrine and pseudoephedrine at carboxylated multi-walled carbon nanotube-modified electrode. <i>Analytical Methods</i> , <b>2012</b> , 4, 812	3.2	15
54	Selective regulation of nicotine and polyamines biosynthesis in tobacco cells by enantiomers of ornithine. <i>Chirality</i> , <b>2013</b> , 25, 22-7	2.1	15
53	Miniaturized hollow fibre assisted liquid-phase microextraction and gas chromatography for determination of trace concentration of sufentanil and alfentanil in biological samples. <i>Drug Testing and Analysis</i> , <b>2013</b> , 5, 589-95	3.5	14
52	Electro-Organic Synthesis of Nanosized Particles of 2-Amino-pyranes. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 2200-2204	3.9	14
51	Chemical and electrochemical deposition of conducting polyaniline on lead. <i>Journal of Electroanalytical Chemistry</i> , <b>2009</b> , 626, 116-122	4.1	14
50	Mechanistic study of electrochemical oxidation of catechols in the presence of 4-hydroxy-1-methyl-2(1H)-quinolone. <i>Electrochimica Acta</i> , <b>2005</b> , 50, 5322-5328	6.7	14
49	Zinc-Selective Membrane Electrode Based On 5, 6, 14, 15-Dibenzo-l, 4-Dioxa-8, 12-Diazacyclopentadecane-5, 14-Diene. <i>Analytical Letters</i> , <b>2000</b> , 33, 2169-2181	2.2	14
48	A mesoporous nanosorbent composed of silica, graphene, and palladium (II) for ultrasound-assisted dispersive solid-phase extraction of organophosphorus pesticides prior to their quantitation by ion mobility spectrometry. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 209	5.8	13
47	Development of a modified partial filling method in capillary electrophoresis using two chiral plugs for the simultaneous enantioseparation of chiral drugs: Comparison with mixed chiral selector capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2018</b> , 1567, 211-218	4.5	13
46	Application of maltodextrin as chiral selector in capillary electrophoresis for quantification of amlodipine enantiomers in commercial tablets. <i>Chirality</i> , <b>2014</b> , 26, 394-9	2.1	13
45	Electro-organic synthesis of nanosized particles of 3-hydroxy-3-(1H-indol-3-yl)indolin-2-one derivatives. <i>Monatshefte für Chemie</i> , <b>2012</b> , 143, 1157-1160	1.4	13
44	A facile electrochemical method for the synthesis of 5-phenyl-1,3,4-oxadiazol-2-ylthio-benzene-1,2-diol derivatives. <i>Journal of Heterocyclic Chemistry</i> , <b>2009</b> , 46, 443-446	1.9	13
43	Electrochemical study of 3,4-dihydroxybenzoic acid in the presence of 4-hydroxy-1-methyl-2(1H)-quinolone: Application to electrochemical synthesis of new benzofuran derivative. <i>Journal of Electroanalytical Chemistry</i> , <b>2006</b> , 586, 161-166	4.1	13
42	Development and application of SBA-15 assisted electromembrane extraction followed by corona discharge ion mobility spectrometry for the determination of Thiabendazole in fruit juice samples. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 1786-1793	3.4	12



41	Electrochemical synthesis of new benzodifurans. <i>Electrochemistry Communications</i> , <b>2008</b> , 10, 1765-1768	5.1	12
40	Diastereoselective synthesis of highly functionalized quinolizines via a pyridine-based three-component reaction and a DFT investigation on the reaction mechanism. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 333-337	2	11
39	Efficient synthesis of novel tricyclic fused pyranothiazolopyrimidine derivatives via isocyanide-based three-component reactions. <i>Tetrahedron</i> , <b>2014</b> , 70, 8619-8623	2.4	11
38	Carrier assisted electromembrane extraction based on nonionic lipophilic surfactants for the determination of basic drugs in urine samples. <i>Analytical Methods</i> , <b>2017</b> , 9, 5659-5667	3.2	11
37	Capability of parasulfonato calix[6]arene, as an anion dopant, and organic solvents in enhancing the sensitivity and loading of glucose oxidase (GOx) on polypyrrole film in a biosensor: a comparative study. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 49, 159-63	11.8	11
36	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> , <b>2016</b> , 39, 3798-3805	3.4	11
35	Influence of polymeric coating on capillary electrophoresis of iron oxide nanoparticles. <i>Journal of the Iranian Chemical Society</i> , <b>2014</b> , 11, 279-284	2	10
34	Electro-Organic Synthesis of 2-Amino-3-cyano-benzofuran Derivatives Using Hydroquinones and Malononitrile. <i>Synthetic Communications</i> , <b>2011</b> , 41, 561-568	1.7	10
33	An Efficient Synthesis of Thio- and Thiazoloquinazolinones by the Electrochemical Oxidation of Catechols in the Presence of 2-Mercapto-4(3H)-quinazolinone. <i>Synthesis</i> , <b>2008</b> , 2008, 3963-3966	2.9	10
32	Maltodextrins as chiral selectors in CE: molecular structure effect of basic chiral compounds on the enantioseparation. <i>Chirality</i> , <b>2014</b> , 26, 620-8	2.1	9
31	A simple and rapid method based on direct transfer of headspace vapor into the GC injector: application for determination of BTEX compounds in water and wastewater samples. <i>Analytical Methods</i> , <b>2012</b> , 4, 1996	3.2	9
30	Chemical Composition of the Essential Oil of <i>Salvia macilenta</i> from Iran. <i>Chemistry of Natural Compounds</i> , <b>2005</b> , 41, 168-170	0.7	9
29	Novel Schiff base-functionalized metal-organic framework nanoparticles for dispersive solid phase extraction of copper ions from vegetable and water samples. <i>Analytical Methods</i> , <b>2019</b> , 11, 2683-2691	3.2	8
28	Recent advances in microextraction procedures for determination of amphetamines in biological samples. <i>Bioanalysis</i> , <b>2019</b> , 11, 437-460	2.1	8
27	Three-component reactions of isocyanides, dialkyl acetylenedicarboxylates, and trans-cinnamoyl chlorides for the synthesis of highly functionalized 2-vinyl furans. <i>Molecular Diversity</i> , <b>2012</b> , 16, 145-50	3.1	7
26	Essential Oil Composition of <i>Pimpinella barbata</i> (DC.) Boiss. from Iran. <i>Journal of Essential Oil Research</i> , <b>2006</b> , 18, 679-681	2.3	7
25	Simultaneous enantioseparation of nonsteroidal anti-inflammatory drugs by a one-dimensional liquid chromatography technique using a dynamically coated chiral porous silicon pillar array column. <i>Journal of Chromatography A</i> , <b>2020</b> , 1615, 460752	4.5	7
24	Gelatin microsphere coated FeO@graphene quantum dots nanoparticles as a novel magnetic sorbent for ultrasound-assisted dispersive magnetic solid-phase extraction of tricyclic antidepressants in biological samples. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 73	5.8	7

23	Evaluation of the synergistic effect with amino acids for enantioseparation of basic drugs using capillary electrophoresis. <i>Electrophoresis</i> , <b>2018</b> , 39, 2202-2209	3.6	7
22	Metabolomic study reveals a selective accumulation of l-arginine in the d-ornithine treated tobacco cell suspension culture. <i>Process Biochemistry</i> , <b>2014</b> , 49, 140-147	4.8	6
21	Composition of the Essential Oil of <i>Rhabdosciadium strausii</i> from Iran. <i>Chemistry of Natural Compounds</i> , <b>2005</b> , 41, 413-414	0.7	6
20	Magnetic solid-phase extraction based on fluconazole-functionalized Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles for the spectrophotometric determination of cationic dyes in environmental water samples. <i>Journal of the Iranian Chemical Society</i> , <b>2020</b> , 17, 1591-1600	2	5
19	Development of a new solvent-assisted dispersive solid-phase extraction followed by ion mobility spectrometry for trace determination of organophosphorus pesticides in environmental water samples. <i>Separation Science Plus</i> , <b>2019</b> , 2, 291-299	1.1	5
18	Trace Determination of Petroleum Pollutants in Water Samples by Dispersive Liquid-Liquid Microextraction Method. <i>Clean - Soil, Air, Water</i> , <b>2014</b> , 42, 1106-1114	1.6	5
17	Diastereoselective synthesis of 5-iminooxazolines and their subsequent transformation to $\alpha$ -disubstituted dipeptide esters: a formal [4+1] cycloaddition reaction of cyclohexyl isocyanide and Z-alkyl-benzoyl amino-acrylates. <i>Tetrahedron</i> , <b>2012</b> , 68, 8046-8051	2.4	5
16	Two-step liquid phase microextraction combined with capillary electrophoresis: a new approach to simultaneous determination of basic and zwitterionic compounds. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 1959-66	3.4	5
15	Electrospun terpolymeric nanofiber membrane for micro solid-phase extraction of diazinon and chlorpyrifos from aqueous samples. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 920-928	3.4	5
14	Sensitive determination of ketamine, methylphenidate, and tramadol in urine and wastewater samples by Porous Aromatic Framework-48 assisted electromembrane extraction coupled with ion mobility spectrometer. <i>International Journal for Ion Mobility Spectrometry</i> , <b>2020</b> , 23, 29-37	1.5	5
13	Post-modification of phthalocyanines via isocyanide-based multicomponent reactions: Highly dispersible peptidomimetic metallophthalocyanines as potent photosensitizers. <i>Dyes and Pigments</i> , <b>2019</b> , 166, 49-59	4.6	4
12	Development of a new electromembrane extraction combined with ion mobility spectrometry for the quantification of malachite green in water samples. <i>International Journal for Ion Mobility Spectrometry</i> , <b>2020</b> , 23, 153-160	1.5	3
11	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> , <b>2012</b> , 676, 48-52	4.1	3
10	Optimization of Tribenuron-methyl determination by differential pulse polarography using experimental design. <i>Analytical Methods</i> , <b>2010</b> , 2, 41-48	3.2	3
9	Enantioseparation and quantitative determination of ibuprofen using vancomycin-mediated capillary electrophoresis combined with molybdenum disulfide-assisted dispersive solid-phase extraction: optimization using experimental design. <i>Journal of the Iranian Chemical Society</i> , <b>2020</b> , 17, 1467-1477	2	2
8	Organobase-catalyzed one-pot three-component synthesis of novel pyrano[2,3-d][1,3]thiazolo[3,2-a]pyrimidine derivatives. <i>Research on Chemical Intermediates</i> , <b>2021</b> , 47, 3537-3550	2.8	2
7	Differential effects of ornithine enantiomers on the activity of anti-oxidant enzymes, polyamines content, and growth of tobacco cells under osmotic stresses. <i>Chirality</i> , <b>2013</b> , 25, 583-8	2.1	1
6	Fabrication of CoO quantum dot incorporated polyacrylamide ethylene glycol dimethacrylate as a new fiber for solid phase microextraction and trace determination of organophosphorus pesticides in environmental water samples. <i>Analytical Methods</i> , <b>2021</b> , 13, 3394-3401	3.2	1



5	Magnetic MWCNT@guanidine acetic acid@Cu as a nanosorbent for ultrasonic assisted dispersive magnetic solid phase extraction of heterocyclic pesticides in citrus samples. <i>Journal of the Iranian Chemical Society</i> ,1	2	1
4	Application of amine-functionalized mesostructured cellular foam assisted electromembrane extraction for the determination of tramadol and methadone from urine samples. <i>Journal of the Iranian Chemical Society</i> ,1	2	1
3	The comparison of some chiral selectors for enantioselective separation of naproxen as a model drug in capillary electrophoresis: Thermodynamic analysis of the separation mechanism. <i>Journal of the Iranian Chemical Society</i> ,1	2	0
2	A Facile and Diastereoselective access to Functionalised Benzopyrano[3,4-a] Quinolizines via a Pyridine-Based Three-Component Reaction. <i>Journal of Chemical Research</i> , <b>2017</b> , 41, 688-692	0.6	
1	Electrochemical production of novel products from 2,3-dimethylhydroquinone in the presence of some $\beta$ -diketones. <i>Monatshefte Für Chemie</i> , <b>2009</b> , 140, 645-649	1.4	