Shahram Seidi

List of Publications by Year
in descending order

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135	4,829	87723	133063
papers	citations	38 h-index	59 g-index

138	138	138	3168
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid-phase microextraction â€“ The different principles and configurations. TrAC - Trends in Analytical Chemistry, 2019, 112, 264-272.	5.8	189
2	Application of surfactant assisted dispersive liquidâ€“liquid microextraction for sample preparation of chlorophenols in water samples. Talanta, 2010, 82, 1864-1869.	2.9	172
3	Electrical field-induced extraction and separation techniques: Promising trends in analytical chemistry â€“ A review. Analytica Chimica Acta, 2014, 814, 1-22.	2.6	172
4	The modern role of smartphones in analytical chemistry. TrAC - Trends in Analytical Chemistry, 2019, 118, 548-555.	5.8	137
5	Determination of thebaine in water samples, biological fluids, poppy capsule, and narcotic drugs, using electromembrane extraction followed by high-performance liquid chromatography analysis. Analytica Chimica Acta, 2011, 701, 181-188.	2.6	113
6	Micro solid-phase extraction (pipette tip and spin column) and thin film solid-phase microextraction: Miniaturized concepts for chromatographic analysis. TrAC - Trends in Analytical Chemistry, 2019, 118, 810-827.	5.8	109
7	Ionic liquid based dispersive liquid-liquid microextraction combined with ICP-OES for the determination of trace quantities of cobalt, copper, manganese, nickel and zinc in environmental water samples. Mikrochimica Acta, 2012, 177, 119-127.	2.5	89
8	Extraction of three nitrophenols using polypyrrole-coated magnetic nanoparticles based on anion exchange process. Journal of Chromatography A, 2013, 1314, 15-23.	1.8	87
9	Combination of electromembrane extraction with dispersive liquidâ€“liquid microextraction followed by gas chromatographic analysis as a fast and sensitive technique for determination of tricyclic antidepressants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 913-914, 138-146.	1.2	87
10	Low-voltage electrically-enhanced microextraction as a novel technique for simultaneous extraction of acidic and basic drugs from biological fluids. Journal of Chromatography A, 2012, 1243, 6-13.	1.8	86
11	Adsorptive removal of alizarin red-S and alizarin yellow GG from aqueous solutions using polypyrrole-coated magnetic nanoparticles. Journal of Environmental Chemical Engineering, 2015, 3, 529-540.	3.3	86
12	Electrokinetic extraction on artificial liquid membranes of amphetamine-type stimulants from urine samples followed by high performance liquid chromatography analysis. Journal of Chromatography A, 2011, 1218, 3958-3965.	1.8	82
13	Pulsed electromembrane extraction: A new concept of electrically enhanced extraction. Journal of Chromatography A, 2012, 1262, 214-218.	1.8	79
14	Speciation and determination of ultra trace amounts of inorganic tellurium in environmental water samples by dispersive liquidâ€“liquid microextraction and electrothermal atomic absorption spectrometry. Analytica Chimica Acta, 2010, 670, 18-23.	2.6	75
15	One-way and two-way pulsed electromembrane extraction for trace analysis of amino acids in foods and biological samples. Analytica Chimica Acta, 2013, 773, 52-59.	2.6	73
16	Microextraction of mebendazole across supported liquid membrane forced by pH gradient and electrical field. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 1173-1179.	1.4	68
17	Preparation of Polyacrylonitrile/Ni-MOF electrospun nanofiber as an efficient fiber coating material for headspace solid-phase microextraction of diazinon and chlorpyrifos followed by CD-IMS analysis. Food Chemistry, 2021, 350, 129242.	4.2	68
18	Electromembrane extraction of trace amounts of naltrexone and nalmefene from untreated biological fluids. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 1143-1148.	1.2	66

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19	Electromembrane surrounded solid phase microextraction: A novel approach for efficient extraction from complicated matrices. Journal of Chromatography A, 2013, 1280, 16-22.	1.8	66
20	Electromembrane extraction of levamisole from human biological fluids. Journal of Separation Science, 2011, 34, 585-593.	1.3	64
21	Polypyrrole-coated magnetic nanoparticles as an efficient adsorbent for RB19 synthetic textile dye: Removal and kinetic study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 481-486.	2.0	63
22	Electroplating of nanostructured polyanilineâ€“polypyrrole composite coating in a stainless-steel tube for on-line in-tube solid phase microextraction. Journal of Chromatography A, 2015, 1397, 19-26.	1.8	60
23	A first-principles study on the adsorption behavior of amphetamine on pristine, P- and Al-doped B12N12 nano-cages. Superlattices and Microstructures, 2013, 64, 265-273.	1.4	56
24	Comparison of conventional hollow fiber based liquid phase microextraction and electromembrane extraction efficiencies for the extraction of ephedrine from biological fluids. Journal of Chromatography A, 2011, 1218, 8581-8586.	1.8	54
25	Simultaneous extraction of acidic and basic drugs via on-chip electromembrane extraction. Analytica Chimica Acta, 2016, 937, 61-68.	2.6	50
26	Magnetically assisted matrix solid phase dispersion for extraction of parabens from breast milks. Journal of Chromatography A, 2017, 1504, 17-26.	1.8	50
27	A new effective on chip electromembrane extraction coupled with high performance liquid chromatography for enhancement of extraction efficiency. Analytica Chimica Acta, 2015, 898, 42-49.	2.6	49
28	Solid-phase microextraction based on cetyltrimethylammonium bromide-coated magnetic nanoparticles for determination of antidepressants from biological fluids. Medicinal Chemistry Research, 2013, 22, 1570-1577.	1.1	48
29	Application of electrospun polyacrylonitrile/Zn-MOF-74@GO nanocomposite as the sorbent for online micro solid-phase extraction of chlorobenzenes in water, soil, and food samples prior to liquid chromatography analysis. Food Chemistry, 2021, 363, 130330.	4.2	48
30	Nano polypyrrole-coated magnetic solid phase extraction followed by dispersive liquid phase microextraction for trace determination of megestrol acetate and levonorgestrel. Analytica Chimica Acta, 2015, 885, 98-105.	2.6	46
31	Preparation and evaluation of a novel molecularly imprinted polymer coating for selective extraction of indomethacin from biological samples by electrochemically controlled in-tube solid phase microextraction. Analytica Chimica Acta, 2016, 913, 76-85.	2.6	46
32	Application of a new nanocarbonaceous sorbent in electromembrane surrounded solid phase microextraction for analysis of amphetamine and methamphetamine in human urine and whole blood. Journal of Chromatography A, 2015, 1396, 1-6.	1.8	43
33	Approach for Downscaling of Electromembrane Extraction as a Lab on-a-Chip Device Followed by Sensitive Red-Green-Blue Detection. Analytical Chemistry, 2018, 90, 8478-8486.	3.2	42
34	Magnetomotive room temperature dicationic ionic liquid: A new concept toward centrifuge-less dispersive liquidâ€“liquid microextraction. Journal of Chromatography A, 2015, 1376, 1-8.	1.8	41
35	A novel approach to automation of dynamic hollow fiber liquidâ€phase microextraction. Journal of Separation Science, 2011, 34, 957-964.	1.3	40
36	Preparation of electrospun polyacrylonitrile/Ni-MOF-74 nanofibers for extraction of atenolol and captopril prior to HPLC-DAD. Mikrochimica Acta, 2020, 187, 508.	2.5	40

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37	Electrically assisted liquidâ€phase microextraction for determination of Î²₂â€receptor agonist drugs in wastewater. Journal of Separation Science, 2012, 35, 571-579.	1.3	39
38	Micro solid phase extraction of parabens from breast milk samples using Mg-Al layered double hydroxide functionalized partially reduced graphene oxide nanocomposite. Food Chemistry, 2020, 314, 126223.	4.2	39
39	A novel approach to the consecutive extraction of drugs with different properties via on chip electromembrane extraction. Analyst, The, 2016, 141, 311-318.	1.7	38
40	Inorganic selenium speciation in environmental samples using selective electrodeposition coupled with electrothermal atomic absorption spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2010, 65, 334-339.	1.5	37
41	Electrically enhanced microextraction for highly selective transport of three Î²-blocker drugs. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 859-866.	1.4	37
42	Electromembrane extraction followed by high performance liquid chromatography: an efficient method for extraction and determination of morphine, oxymorphone, and methylmorphine from urine samples. Analytical Methods, 2014, 6, 5554.	1.3	37
43	Quantitative analysis of clonidine and ephedrine by a microfluidic system: On-chip electromembrane extraction followed by high performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1068-1069, 313-321.	1.2	37
44	A bucky gel consisting of Fe3O4 nanoparticles, graphene oxide and ionic liquid as an efficient sorbent for extraction of heavy metal ions from water prior to their determination by ICP-OES. Mikrochimica Acta, 2017, 184, 3425-3432.	2.5	37
45	Polyacrylonitrile/MIL-53(Fe) electrospun nanofiber for pipette-tip micro solid phase extraction of nitrazepam and oxazepam followed by HPLC analysis. Mikrochimica Acta, 2020, 187, 152.	2.5	37
46	On-line electrochemically controlled in-tube solid phase microextraction of inorganic selenium followed by hydride generation atomic absorption spectrometry. Analytica Chimica Acta, 2016, 922, 37-47.	2.6	36
47	A novel N,Nâ€²-bis(acetylacetone)ethylenediimine functionalized silica-core shell magnetic nanosorbent for manetic dispersive solid phase extraction of copper in cereal and water samples. Food Chemistry, 2018, 249, 30-37.	4.2	36
48	Novel and Rapid Deep Eutectic Solvent (DES) Homogeneous Liquidâ€“Liquid Microextraction (HLLME) with Flame Atomic Absorption Spectrometry (FAAS) Detection for the Determination of Copper in Vegetables. Analytical Letters, 2019, 52, 2092-2106.	1.0	36
49	Electromembrane Surrounded Solid Phase Microextraction Followed by Injection Port Derivatization and Gas Chromatographyâ€“Flame Ionization Detector Analysis for Determination of Acidic Herbicides in Plant Tissue. Journal of Agricultural and Food Chemistry, 2014, 62, 3134-3142.	2.4	34
50	Synthesis and characterization of polyamide-graphene oxide-polypyrrole electrospun nanofibers for spin-column micro solid phase extraction of parabens in milk samples. Journal of Chromatography A, 2019, 1599, 25-34.	1.8	34
51	Monitoring of trace amounts of some anti-fungal drugs in biological fluids by hollow fiber based liquid phase microextraction followed by high performance liquid chromatography. Analytical Methods, 2010, 2, 387.	1.3	33
52	Low voltage electrically stimulated lab-on-a-chip device followed by red-green-blue analysis: a simple and efficient design for complicated matrices. Analyst, The, 2014, 139, 5531-5537.	1.7	33
53	Magnetic dispersive solid phase extraction based on polythiophene modified magnetic graphene oxide for mercury determination in seafood followed by flow-injection cold vapor atomic absorption spectrometry. Analytical Methods, 2017, 9, 803-813.	1.3	33
54	Haas in grilled meat: Determination using an advanced lab-on-a-chip flat electromembrane extraction coupled with on-line HPLC. Food Chemistry, 2020, 311, 125876.	4.2	33

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55	Analytical sonochemistry; developments, applications, and hyphenations of ultrasound in sample preparation and analytical techniques. Open Chemistry, 2012, 10, 938-976.	1.0	32
56	Pulsed electromembrane extraction for analysis of derivatized amino acids: A powerful technique for determination of animal source of gelatin samples. Talanta, 2015, 136, 190-197.	2.9	32
57	Electromembrane extraction using a cylindrical electrode: a new view for the augmentation of extraction efficiency. Analytical Methods, 2015, 7, 197-204.	1.3	32
58	Deep eutectic liquid organic salt as a new solvent for carrier-mediated hollow fiber liquid phase microextraction of lead from whole blood followed by electrothermal atomic absorption spectrometry. New Journal of Chemistry, 2017, 41, 7038-7044.	1.4	32
59	Application of a novel electromembrane extraction and microextraction method followed by gas chromatography-mass spectrometry to determine biogenic amines in canned fish. Analytical Methods, 2019, 11, 1898-1907.	1.3	32
60	Evaluation of pulsed electromembrane extraction for the analysis of diclofenac and mefenamic acid in biological fluids. Analytical Methods, 2015, 7, 2848-2854.	1.3	30
61	Electrochemically assisted solid based extraction techniques: A review. Talanta, 2015, 132, 339-353.	2.9	30
62	Determination of diclofenac using electromembrane extraction coupled with stripping FFT continuous cyclic voltammetry. Analytica Chimica Acta, 2017, 972, 38-45.	2.6	30
63	In-tube electrochemically controlled solid phase microextraction of amitriptyline, imipramine and chlorpromazine from human plasma by using an indole-thiophene copolymer nanocomposite. Mikrochimica Acta, 2017, 184, 2473-2481.	2.5	30
64	Speciation and determination of trace inorganic tellurium in environmental samples by electrodeposition-electrothermal atomic absorption spectroscopy. Journal of Analytical Atomic Spectrometry, 2009, 24, 1446.	1.6	29
65	Voltage-step pulsed electromembrane as a novel view of electrical field-induced liquid-phase microextraction. Journal of Chromatography A, 2014, 1324, 21-28.	1.8	29
66	Pharmaceutical applications of liquid-phase microextraction. TrAC - Trends in Analytical Chemistry, 2018, 108, 296-305.	5.8	29
67	Microwaveâ€assisted extraction combined with dispersive liquidâ€“liquid microextraction as a new approach to determination of chlorophenols in soil and sediments. Journal of Separation Science, 2012, 35, 2469-2475.	1.3	28
68	Polyaniline-functionalized magnetic graphene oxide for dispersive solid-phase extraction of Cr(VI) from environmental waters followed by graphite furnace atomic absorption spectrometry. Journal of the Iranian Chemical Society, 2017, 14, 1195-1206.	1.2	28
69	Dispersive liquidâ€“liquid microextraction using magnetic room temperature ionic liquid for extraction of ultra-trace amounts of parabens. New Journal of Chemistry, 2018, 42, 9735-9743.	1.4	28
70	Development of a microfluidic-chip system for liquidâ€“phase microextraction based on two immiscible organic solvents for the extraction and preconcentration of some hormonal drugs. Talanta, 2016, 160, 592-599.	2.9	27
71	In situ electrosynthesis of a copper-based metalâ€“organic framework as nanosorbent for headspace solid-phase microextraction of methamphetamine in urine with GC-FID analysis. Mikrochimica Acta, 2020, 187, 548.	2.5	27
72	In situ emulsification microextraction using a dicationic ionic liquid followed by magnetic assisted physisorption for determination of lead prior to micro-sampling flame atomic absorption spectrometry. Analytica Chimica Acta, 2015, 889, 123-129.	2.6	26

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73	Electrically stimulated liquid phase microextraction combined with differential pulse voltammetry: a new and efficient design for in situ determination of clozapine from complicated matrices. RSC Advances, 2016, 6, 12943-12952.	1.7	26
74	Emergence of microfluidic devices in sample extraction; an overview of diverse methodologies, principals, and recent advancements. TrAC - Trends in Analytical Chemistry, 2021, 143, 116352.	5.8	25
75	Dynamic electromembrane extraction: Automated movement of donor and acceptor phases to improve extraction efficiency. Journal of Chromatography A, 2015, 1419, 10-18.	1.8	24
76	Ultrasound-assisted emulsification microextraction using low density solvent for analysis of toxic nitrophenols in natural waters. International Journal of Environmental Analytical Chemistry, 2013, 93, 199-212.	1.8	23
77	Imidazolium-based mesoporous organosilicas with bridging organic groups for microextraction by packed sorbent of phenoxy acid herbicides, polycyclic aromatic hydrocarbons and chlorophenols. Mikrochimica Acta, 2019, 186, 239.	2.5	23
78	Pipette-tip SPE based on Graphene/ZnCr LDH for Pb(II) analysis in hair samples followed by GFAAS. Analytical Biochemistry, 2021, 612, 113949.	1.1	23
79	Liquidâ€phase microextraction based on two immiscible organic solvents followed by gas chromatography with mass spectrometry as an efficient method for the preconcentration and determination of cocaine, ketamine, and lidocaine in human urine samples. Journal of Separation Science, 2014, 37, 2364-2371.	1.3	22
80	Nanostructured polypyrrole for automated and electrochemically controlled in-tube solid-phase microextraction of cationic nitrogen compounds. Mikrochimica Acta, 2015, 182, 1941-1948.	2.5	22
81	Electrically stimulated liquid-based extraction techniques in bioanalysis. Bioanalysis, 2016, 8, 815-828.	0.6	22
82	Ionic liquid-modified silica-coated magnetic nanoparticles: promising adsorbents for ultra-fast extraction of paraquat from aqueous solution. Environmental Science and Pollution Research, 2016, 23, 4411-4421.	2.7	22
83	Three-phase carrier-mediated hollow fiber microextraction based on deep eutectic solvent followed by HPLCâ€“UV for determination of raloxifene and ethinylestradiol in pharmaceutical wastewater treatment plants. Journal of the Iranian Chemical Society, 2019, 16, 1007-1018.	1.2	22
84	A silica fiber coated with a ZnO-graphene oxide nanocomposite with high specific surface for use in solid phase microextraction of the antiepileptic drugs diazepam and oxazepam. Mikrochimica Acta, 2018, 185, 312.	2.5	21
85	Nickel-iron layered double hydroxide nanostructures for micro solid phase extraction of nonsteroidal anti-inflammatory drugs, followed by quantitation by HPLC-UV. Mikrochimica Acta, 2019, 186, 297.	2.5	21
86	A promising design of microfluidic electromembrane extraction coupled with sensitive colorimetric detection for colorless compounds based on quantum dots fluorescence. Talanta, 2019, 194, 298-307.	2.9	21
87	Electrochemically synthesized NiFe layered double hydroxide modified Cu(OH)2 needle-shaped nanoarrays: A novel sorbent for thin-film solid phase microextraction of antifungal drugs. Analytica Chimica Acta, 2020, 1131, 90-101.	2.6	21
88	Dissolved carbon dioxide flotation: An effective way for phase separation in emulsification microextraction method. Journal of Chromatography A, 2015, 1388, 280-285.	1.8	20
89	Electromembrane surrounded solid phase microextraction using electrochemically synthesized nanostructured polypyrrole fiber. Journal of Chromatography A, 2016, 1443, 75-82.	1.8	20
90	Simultaneous determination and extraction of ultra- trace amounts of estradiol valerate from whole blood using FFT square wave voltammetry and low-voltage electrically enhanced microextraction techniques. Journal of Electroanalytical Chemistry, 2018, 813, 83-91.	1.9	19

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91	Electrospun NiFe layered double hydroxide/Nylon 6 composite nanofibers as a sorbent for micro solid phase extraction by packed sorbent of non-steroidal anti-inflammatory drugs in human blood. Journal of Chromatography A, 2020, 1614, 460718.	1.8	19
92	Microfluidic-enabled versatile hyphenation of electromembrane extraction and thin film solid phase microextraction. Talanta, 2021, 224, 121864.	2.9	19
93	A new generation of solid-phase microextraction based on breathing of metal organic framework nanorods MOF-508 for the determination of diazinon and chlorpyrifos in wheat samples. Microchemical Journal, 2021, 171, 106876.	2.3	19
94	Evaluation of in-tube solid-phase microextraction method for co-extraction of acidic, basic, and neutral drugs. RSC Advances, 2016, 6, 14049-14058.	1.7	18
95	Simultaneous extraction and determination of trace amounts of olanzapine and fluoxetine from biological fluids: comparison of conventional hollow fiber supported liquid phase microextraction and pulsed electrically assisted liquid-phase microextraction techniques. Analytical Methods, 2015, 7, 7840-7851.	1.3	17
96	Centrifuge-less Emulsification Microextraction Using Effervescent CO2 Tablet for On-site Extraction of PAHs in Water Samples Prior to GCâ€“MS Detection. Chromatographia, 2016, 79, 629-640.	0.7	16
97	Graphene oxideâ€“alizarin yellow Râ€“magnetic chitosan nanocomposite: a selective and efficient sorbent for sub-trace determination of aluminum in water samples. Analytical Methods, 2017, 9, 222-231.	1.3	16
98	Magnetic nanocomposite of chitosan-Schiff base grafted graphene oxide for lead analysis in whole blood. Analytical Biochemistry, 2018, 553, 28-37.	1.1	16
99	Dispersed Solidified Fine Droplets Based on Sonication of a Low Melting Point Deep Eutectic Solvent: a Novel Concept for Fast and Efficient Determination of Cr(VI) in Urine Samples. Biological Trace Element Research, 2019, 188, 353-362.	1.9	16
100	Dispersive solid phase extraction of lead in water samples using embedded 1,5-diphenylcarbazone grafted graphene oxide in microporous magnetic chitosan coupled with flame atomic absorption spectrometry. Journal of the Iranian Chemical Society, 2019, 16, 1411-1421.	1.2	16
101	Electrospun polyamide/graphene oxide/polypyrrole composite nanofibers: an efficient sorbent for headspace solid phase microextraction of methamphetamine in urine samples followed by GC-MS analysis. New Journal of Chemistry, 2020, 44, 14429-14437.	1.4	16
102	Developing electrodeposition techniques for preconcentration of ultra-traces of Ni, Cr and Pb prior to arc-atomic emission spectrometry determination. Microchemical Journal, 2009, 93, 159-163.	2.3	15
103	Electromembrane surrounded solid-phase microextraction using a stainless-steel wire coated with a nanocomposite composed of polypyrrole and manganese dioxide. Mikrochimica Acta, 2017, 184, 2697-2705.	2.5	15
104	Ionic liquid-modified silica-coated magnetic nanoparticles; promising anion-exchange sorbent for extraction of Cr(VI). International Journal of Environmental Analytical Chemistry, 2017, 97, 1223-1236.	1.8	15
105	Porphyrin-functionalized graphene oxide sheets: An efficient nanomaterial for micro solid phase extraction of non-steroidal anti-inflammatory drugs from urine samples. Journal of Chromatography A, 2019, 1607, 460387.	1.8	15
106	Analysis of trace amounts of chlorobenzenes in water samples: An approach towards the automation of dynamic hollow fiber liquid-phase microextraction. Mikrochimica Acta, 2012, 176, 367-374.	2.5	14
107	Efficient design for in situ determination of amlodipine in whole blood samples using fast Fourier transform stripping square wave voltammetry after preconcentration by electromembrane extraction. New Journal of Chemistry, 2017, 41, 13567-13575.	1.4	14
108	Miniaturized sample preparation methods for saliva analysis. Bioanalysis, 2019, 11, 119-148.	0.6	14

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109	Supercritical fluid extraction followed by nanostructured supramolecular solvent extraction for extraction of levonorgestrel and megestrol from whole blood samples. Journal of Supercritical Fluids, 2016, 107, 392-399.	1.6	13
110	Rapid ultrasoundâ€assisted dispersive solidâ€phase extraction of nonsteroidal antiâ€inflammatory drugs in urine using oleic acid functionalized magnetic graphene oxide. Journal of Separation Science, 2018, 41, 4370-4378.	1.3	13
111	Polydopamine-functionalized magnetic iron oxide for the determination of trace levels of lead in bovine milk. Analytical Biochemistry, 2019, 570, 5-12.	1.1	13
112	Plugged bifunctional periodic mesoporous organosilica as a high-performance solid phase microextraction coating for improving extraction efficiency of chlorophenols in different matrices. Talanta, 2021, 235, 122724.	2.9	13
113	Electrochemically deposition of ionic liquid modified graphene oxide for circulated headspace in-tube solid phase microextraction of naphthalene from honey samples followed by on-line liquid chromatography analysis. Journal of Chromatography A, 2020, 1628, 461486.	1.8	12
114	Nanostructured solvent based microextraction followed by a novel strategy for online phase separation coupled with HPLC for determination of ethinyl estradiol. Analytical Methods, 2014, 6, 2936.	1.3	11
115	Ionic liquid based in situ solvent formation microextraction followed by on-line phase separation coupled with cold vapor-atomic absorption spectrometry for mercury determination in seafood samples. Analytical Methods, 2017, 9, 5189-5197.	1.3	11
116	Development of ultrasound assisted dispersive micro solid phase extraction based on CuO nanoplate-polyaniline composite as a new sorbent for insecticides analysis in wheat samples. Microchemical Journal, 2021, 168, 106422.	2.3	11
117	Dissolved carbon dioxide flotation-assisted in-syringe dispersive liquidâ€“liquid microextraction coupled with microsampling flame atomic absorption spectrometry for selective determination of palladium in water samples. Journal of the Iranian Chemical Society, 2017, 14, 1159-1167.	1.2	10
118	Trace determination of cadmium in rice samples using solidified floating organic drop microextraction based on vesicular supramolecular solvent followed by flow-injection analysisâ€“flame atomic absorption spectrometry. Journal of the Iranian Chemical Society, 2018, 15, 2083-2092.	1.2	10
119	In-tube stir bar sorptive extraction based on 3-aminopropyl triethoxysilane surface-modified Ce-doped ZnAl layered double hydroxide thin film for determination of nonsteroidal anti-inflammatory drugs in saliva samples. Mikrochimica Acta, 2020, 187, 528.	2.5	10
120	Removal of methylene blue and neutral red from aqueous solutions by surfactantâ€modified magnetic nanoparticles as highly efficient adsorbent. Environmental Progress and Sustainable Energy, 2015, 34, 1683-1693.	1.3	9
121	Electrical field-stimulated liquid-phase microextraction for trace analysis of pyridine and its derivatives in cigarette extract. Journal of the Iranian Chemical Society, 2015, 12, 503-511.	1.2	9
122	Self-assembled benzyl mercaptan monolayer as a coating in electromembrane surrounded solid-phase microextraction of antihistamines in urine and plasma samples. New Journal of Chemistry, 2016, 40, 5268-5276.	1.4	9
123	Optimization of temperature-controlled ionic liquid homogenous liquid phase microextraction followed by high performance liquid chromatography for analysis of diclofenac and mefenamic acid in urine sample. Journal of the Iranian Chemical Society, 2016, 13, 1289-1299.	1.2	8
124	Ultra-Trace Determination of Imipramine Using a Sr(VO₃)₂Doped Phytic Acid Carbon Paste Electrode after Preconcentration by Electromembrane Extraction Coupled with FFT Square Wave Voltammetry. Journal of the Electrochemical Society, 2018, 165, H205-H212.	1.3	8
125	Applicability of a magnetic bucky gel for microextraction of mercury from complicated matrices followed by cold vapor atomic absorption spectroscopy. Separation Science and Technology, 2020, 55, 1505-1514.	1.3	8
126	Application of magnetic nanomaterials in magnetic-chromatography: A review. Talanta, 2021, 229, 122273.	2.9	6

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127	Lead analysis by Î¼SPE/FF-AAS: A comparative study based on dimethylglyoxime functionalized silica-coated magnetic iron/graphene oxides. Analytical Biochemistry, 2022, 653, 114739.	1.1	6
128	Microextraction in urine samples for gas chromatography: a review. Bioanalysis, 2014, 6, 2663-2684.	0.6	5
129	Efficient Ion Separation from Environmental and Biological Samples Using a Novel Sorbent Based on Ni-Substituted ZIF-67: Optimization, Equilibrium, Kinetic, and Thermodynamic Study. Industrial & Engineering Chemistry Research, 2022, 61, 1830-1840.	1.8	4
130	Extraction and Sample Preparation. International Journal of Analytical Chemistry, 2015, 2015, 1-2.	0.4	3
131	Monitoring of pyridine, 3-picoline and quinoline in smokersâ€™ urine using ultrasound-assisted emulsification microextraction coupled with high-performance liquid chromatography. Journal of the Iranian Chemical Society, 2015, 12, 1757-1763.	1.2	3
132	Quantitative determination of trace phenazopyridine in human urine samples by hyphenation of dispersive solidâ€phase extraction and liquidâ€phase microextraction followed by gas chromatography/mass spectrometry analysis. Journal of Separation Science, 2020, 43, 2897-2904.	1.3	3
133	Voltage-step pulsed electromembrane extraction followed by high performance liquid chromatography analysis for simultaneous determination of paracetamol and codeine. Separation Science and Technology, 2022, 57, 768-776.	1.3	3
134	Trace determination of antifungal drugs in biological fluids through a developed approach of hydrogelâ€based spinâ€column microâ€solidâ€phase extraction followed by LCâ€MS/MS analysis. Journal of Separation Science, 2022, 45, 594-601.	1.3	3
135	Polytetrafluoroethylene physisorptionâ€assisted emulsification microextraction as a cleanup and preconcentration step in the gas chromatography determination of aliphatic hydrocarbons in marine sediment samples. Journal of Separation Science, 2017, 40, 885-892.	1.3	1