

Mustafa Soylak

List of Publications by Year in descending order

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637
papers

31,687
citations

2215

99
h-index

11939

134
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638
all docs

638
docs citations

638
times ranked

16044
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid phase extraction of heavy metal ions in environmental samples on multiwalled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2008, 152, 632-639.	12.4	403
2	Equilibrium, kinetic and thermodynamic studies of adsorption of Pb(II) from aqueous solution onto Turkish kaolinite clay. <i>Journal of Hazardous Materials</i> , 2007, 149, 283-291.	12.4	367
3	Multiwalled carbon nanotubes for speciation of chromium in environmental samples. <i>Journal of Hazardous Materials</i> , 2007, 147, 219-225.	12.4	322
4	Removal of phenol from aqueous solutions by adsorption onto organomodified Tirebolu bentonite: Equilibrium, kinetic and thermodynamic study. <i>Journal of Hazardous Materials</i> , 2009, 172, 353-362.	12.4	321
5	Preconcentration of some trace elements via using multiwalled carbon nanotubes as solid phase extraction adsorbent. <i>Journal of Hazardous Materials</i> , 2009, 169, 466-471.	12.4	275
6	Cloud point extraction and flame atomic absorption spectrometric determination of cadmium(II), lead(II), palladium(II) and silver(I) in environmental samples. <i>Journal of Hazardous Materials</i> , 2009, 168, 1022-1027.	12.4	267
7	Biosorption of Cd(II) and Cr(III) from aqueous solution by moss (<i>Hylocomium splendens</i>) biomass: Equilibrium, kinetic and thermodynamic studies. <i>Chemical Engineering Journal</i> , 2008, 144, 1-9.	12.7	252
8	Biosorption of Pb(II) and Cr(III) from aqueous solution by lichen (<i>Parmelina tiliaceae</i>) biomass. <i>Bioresource Technology</i> , 2008, 99, 2972-2980.	9.6	245
9	Modeling of quaternary dyes adsorption onto ZnO-AC artificial neural network: Analysis by derivative spectrophotometry. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 34, 186-197.	5.8	240
10	Adsorption of Pb(II) and Cr(III) from aqueous solution on Celtek clay. <i>Journal of Hazardous Materials</i> , 2007, 144, 41-46.	12.4	235
11	Adsorption characteristics of Cu(II) and Pb(II) onto expanded perlite from aqueous solution. <i>Journal of Hazardous Materials</i> , 2007, 148, 387-394.	12.4	235
12	<i>Pseudomonas aeruginosa</i> immobilized multiwalled carbon nanotubes as biosorbent for heavy metal ions. <i>Bioresource Technology</i> , 2008, 99, 1563-1570.	9.6	229
13	Determination of trace metal ions by AAS in natural water samples after preconcentration of pyrocatechol violet complexes on an activated carbon column. <i>Talanta</i> , 2000, 52, 1041-1046.	5.5	216
14	Trace metal content in nine species of fish from the Black and Aegean Seas, Turkey. <i>Food Chemistry</i> , 2007, 104, 835-840.	8.2	209
15	Investigation of heavy metal mobility and availability by the BCR sequential extraction procedure: relationship between soil properties and heavy metals availability. <i>Chemical Speciation and Bioavailability</i> , 2014, 26, 219-230.	2.0	209
16	Biosorption of Pb(II) and Ni(II) from aqueous solution by lichen (<i>Cladonia furcata</i>) biomass. <i>Biochemical Engineering Journal</i> , 2007, 37, 151-158.	3.6	208
17	Trace element levels in honeys from different regions of Turkey. <i>Food Chemistry</i> , 2007, 103, 325-330.	8.2	196
18	Determination of rhodamine B in soft drink, waste water and lipstick samples after solid phase extraction. <i>Food and Chemical Toxicology</i> , 2011, 49, 1796-1799.	3.6	187

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19	The determination of some heavy metals in food samples by flame atomic absorption spectrometry after their separation-preconcentration on bis salicyl aldehyde, 1,3 propan diimine (BSPDI) loaded on activated carbon. <i>Journal of Hazardous Materials</i> , 2008, 154, 128-134.	12.4	183
20	Multi-element pre-concentration of heavy metal ions by solid phase extraction on Chromosorb 108. <i>Analytica Chimica Acta</i> , 2005, 548, 101-108.	5.4	182
21	Preconcentration and separation of nickel, copper and cobalt using solid phase extraction and their determination in some real samples. <i>Journal of Hazardous Materials</i> , 2007, 147, 226-231.	12.4	181
22	Biosorption of palladium(II) from aqueous solution by moss (<i>Racomitrium lanuginosum</i>) biomass: Equilibrium, kinetic and thermodynamic studies. <i>Journal of Hazardous Materials</i> , 2009, 162, 874-879.	12.4	179
23	Separation, preconcentration and inductively coupled plasma-mass spectrometric (ICP-MS) determination of thorium(IV), titanium(IV), iron(III), lead(II) and chromium(III) on 2-nitroso-1-naphthol impregnated MCI GEL CHP20P resin. <i>Journal of Hazardous Materials</i> , 2010, 173, 669-674.	12.4	179
24	Adsorption of Phenol from Aqueous Solution on a Low-Cost Activated Carbon Produced from Tea Industry Waste: Equilibrium, Kinetic, and Thermodynamic Study. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2733-2743.	1.9	177
25	Solid-phase extraction of Mn(II), Co(II), Ni(II), Cu(II), Cd(II) and Pb(II) ions from environmental samples by flame atomic absorption spectrometry (FAAS). <i>Journal of Hazardous Materials</i> , 2007, 146, 347-355.	12.4	174
26	Mercury(II) and methyl mercury determinations in water and fish samples by using solid phase extraction and cold vapour atomic absorption spectrometry combination. <i>Food and Chemical Toxicology</i> , 2009, 47, 1648-1652.	3.6	166
27	Solid phase extraction and preconcentration of uranium(VI) and thorium(IV) on Duolite XAD761 prior to their inductively coupled plasma mass spectrometric determination. <i>Talanta</i> , 2007, 72, 187-192.	5.5	165
28	Cloud point extraction for the determination of copper, nickel and cobalt ions in environmental samples by flame atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2008, 150, 533-540.	12.4	165
29	A novel multi-element coprecipitation technique for separation and enrichment of metal ions in environmental samples. <i>Talanta</i> , 2007, 73, 134-141.	5.5	163
30	Characterization of biosorption process of As(III) on green algae <i>Ulothrix cylindricum</i> . <i>Journal of Hazardous Materials</i> , 2009, 165, 566-572.	12.4	158
31	A novel acorn based adsorbent for the removal of brilliant green. <i>Desalination</i> , 2011, 281, 226-233.	8.2	154
32	Determination of trace metals in canned fish marketed in Turkey. <i>Food Chemistry</i> , 2007, 101, 1378-1382.	8.2	149
33	Aluminium determination in environmental samples by graphite furnace atomic absorption spectrometry after solid phase extraction on Amberlite XAD-1180/pyrocatechol violet chelating resin. <i>Talanta</i> , 2004, 63, 411-418.	5.5	147
34	Removal of Pb(II) ions from aqueous solution by a waste mud from copper mine industry: Equilibrium, kinetic and thermodynamic study. <i>Journal of Hazardous Materials</i> , 2009, 166, 1480-1487.	12.4	147
35	Ultrasound assisted-deep eutectic solvent based on emulsification liquid phase microextraction combined with microsample injection flame atomic absorption spectrometry for valence speciation of chromium(III/VI) in environmental samples. <i>Talanta</i> , 2016, 160, 680-685.	5.5	147
36	Magnetic nanoparticle based dispersive micro-solid-phase extraction for the determination of malachite green in water samples: optimized experimental design. <i>New Journal of Chemistry</i> , 2015, 39, 9813-9823.	2.8	146

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37	A simple and novel deep eutectic solvent based ultrasound-assisted emulsification liquid phase microextraction method for malachite green in farmed and ornamental aquarium fish water samples. <i>Microchemical Journal</i> , 2017, 132, 280-285.	4.5	146
38	Novel solid phase extraction procedure for gold(III) on Dowex M 4195 prior to its flame atomic absorption spectrometric determination. <i>Journal of Hazardous Materials</i> , 2008, 156, 591-595.	12.4	145
39	Trace element levels of mushroom species from East Black Sea region of Turkey. <i>Food Control</i> , 2007, 18, 806-810.	5.5	143
40	Biosorption of Pb(II) ions from aqueous solution by pine bark (<i>Pinus brutia</i> Ten.). <i>Chemical Engineering Journal</i> , 2009, 153, 62-69.	12.7	143
41	Vortex assisted deep eutectic solvent (DES)-emulsification liquid-liquid microextraction of trace curcumin in food and herbal tea samples. <i>Food Chemistry</i> , 2018, 243, 442-447.	8.2	143
42	Preconcentration of Pb(II), Cr(III), Cu(II), Ni(II) and Cd(II) ions in environmental samples by membrane filtration prior to their flame atomic absorption spectrometric determinations. <i>Journal of Hazardous Materials</i> , 2007, 145, 459-464.	12.4	142
43	Deep eutectic solvent based ultrasonic assisted liquid phase microextraction for the FAAS determination of cobalt. <i>Journal of Molecular Liquids</i> , 2016, 224, 538-543.	4.9	142
44	Coprecipitation of gold(III), palladium(II) and lead(II) for their flame atomic absorption spectrometric determinations. <i>Journal of Hazardous Materials</i> , 2008, 152, 656-661.	12.4	141
45	Seasonal investigation of trace element contents in commercially valuable fish species from the Black sea, Turkey. <i>Food and Chemical Toxicology</i> , 2010, 48, 865-870.	3.6	141
46	Characterization of Heavy Metal Fractions in Agricultural Soils by Sequential Extraction Procedure: The Relationship Between Soil Properties and Heavy Metal Fractions. <i>Soil and Sediment Contamination</i> , 2015, 24, 1-15.	1.9	141
47	Determination of trace metals in mushroom samples from Kayseri, Turkey. <i>Food Chemistry</i> , 2005, 92, 649-652.	8.2	139
48	Determination of trace metals in different fish species and sediments from the River Yeşilirmak in Tokat, Turkey. <i>Food and Chemical Toxicology</i> , 2010, 48, 1383-1392.	3.6	139
49	Poly(vinyl pyridine-poly ethylene glycol methacrylate-ethylene glycol dimethacrylate) beads for heavy metal removal. <i>Journal of Hazardous Materials</i> , 2008, 155, 114-120.	12.4	138
50	Physicochemical characteristics of a novel activated carbon produced from tea industry waste. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 249-259.	5.5	138
51	Chromium speciation in environmental samples by solid phase extraction on Chromosorb 108. <i>Journal of Hazardous Materials</i> , 2006, 129, 266-273.	12.4	137
52	Solid phase extraction of Cd(II), Pb(II), Zn(II) and Ni(II) from food samples using multiwalled carbon nanotubes impregnated with 4-(2-thiazolylazo)resorcinol. <i>Mikrochimica Acta</i> , 2012, 177, 397-403.	5.0	137
53	Biosorptive removal of mercury(II) from aqueous solution using lichen (<i>Xanthoparmelia conspersa</i>) biomass: Kinetic and equilibrium studies. <i>Journal of Hazardous Materials</i> , 2009, 169, 263-270.	12.4	136
54	Arsenic speciation in natural water samples by coprecipitation-hydride generation atomic absorption spectrometry combination. <i>Talanta</i> , 2009, 78, 52-56.	5.5	136

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55	Trace heavy metal contents of some spices and herbal plants from western Anatolia, Turkey. International Journal of Food Science and Technology, 2006, 41, 712-716.	2.7	135
56	Copper(II)â€“rubeanic acid coprecipitation system for separationâ€“preconcentration of trace metal ions in environmental samples for their flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2006, 137, 1035-1041.	12.4	134
57	Synthesis and application of Fe ₃ O ₄ @SiO ₂ @TiO ₂ for photocatalytic decomposition of organic matrix simultaneously with magnetic solid phase extraction of heavy metals prior to ICP-MS analysis. Talanta, 2016, 154, 539-547.	5.5	134
58	Flame atomic absorption spectrometric determination of cadmium(II) and lead(II) after their solid phase extraction as dibenzylthiocarbamate chelates on Dowex Optipore V-493. Analytica Chimica Acta, 2006, 578, 213-219.	5.4	133
59	A novel solid phase extraction procedure on Amberlite XAD-1180 for speciation of Cr(III), Cr(VI) and total chromium in environmental and pharmaceutical samples. Journal of Hazardous Materials, 2008, 150, 453-458.	12.4	133
60	Column solid phase extraction of iron(III), copper(II), manganese(II) and lead(II) ions food and water samples on multi-walled carbon nanotubes. Food and Chemical Toxicology, 2010, 48, 2401-2406.	3.6	133
61	Investigation of the levels of some element in edible oil samples produced in Turkey by atomic absorption spectrometry. Journal of Hazardous Materials, 2009, 165, 724-728.	12.4	132
62	Ionic liquid dispersive liquidâ€“liquid microextraction of lead as pyrrolidinedithiocarbamate chelate prior to its flame atomic absorption spectrometric determination. Desalination, 2011, 275, 297-301.	8.2	132
63	Enrichment and determinations of nickel(II), cadmium(II), copper(II), cobalt(II) and lead(II) ions in natural waters, table salts, tea and urine samples as pyrrolydine dithiocarbamate chelates by membrane filtrationâ€“flame atomic absorption spectrometry combination. Analytica Chimica Acta, 2003, 493, 205-212.	5.4	128
64	Evaluation of various digestion procedures for trace element contents of some food materials. Journal of Hazardous Materials, 2008, 152, 1020-1026.	12.4	127
65	Chromium speciation by solid phase extraction on Dowex M 4195 chelating resin and determination by atomic absorption spectrometry. Journal of Hazardous Materials, 2008, 153, 1009-1014.	12.4	127
66	Spectrophotometric determination of trace levels of allura red in water samples after separation and preconcentration. Food and Chemical Toxicology, 2011, 49, 1183-1187.	3.6	126
67	Preparation and characterization of magnetic allylamine modified graphene oxide-poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 some metal ions. Talanta, 2016, 146, 130-137.	5.5	125
68	Coprecipitation of heavy metals with erbium hydroxide for their flame atomic absorption spectrometric determinations in environmental samples. Talanta, 2005, 66, 1098-1102.	5.5	124
69	Factorial design in the optimization of preconcentration procedure for lead determination by FAAS. Talanta, 2005, 65, 895-899.	5.5	123
70	Assessment of trace element contents of chicken products from turkey. Journal of Hazardous Materials, 2009, 163, 982-987.	12.4	123
71	Ionic liquid-linked dual magnetic microextraction of lead(II) from environmental samples prior to its micro-sampling flame atomic absorption spectrometric determination. Talanta, 2013, 116, 882-886.	5.5	122
72	Ligandless cloud point extraction of Cr(III), Pb(II), Cu(II), Ni(II), Bi(III), and Cd(II) ions in environmental samples with Tween 80 and flame atomic absorption spectrometric determination. Talanta, 2008, 77, 289-293.	5.5	120

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73	Utilization of membrane filtration for preconcentration and determination of Cu(II) and Pb(II) in food, water and geological samples by atomic absorption spectrometry. <i>Food and Chemical Toxicology</i> , 2010, 48, 517-521.	3.6	120
74	Flame atomic absorption spectrometric determination of zinc, nickel, iron and lead in different matrixes after solid phase extraction on sodium dodecyl sulfate (SDS)-coated alumina as their bis (2-hydroxyacetophenone)-1, 3-propanediimine chelates. <i>Journal of Hazardous Materials</i> , 2009, 166, 1441-1448.	12.4	119
75	Flame atomic absorption spectrometric determination of trace amounts of heavy metal ions after solid phase extraction using modified sodium dodecyl sulfate coated on alumina. <i>Journal of Hazardous Materials</i> , 2008, 155, 121-127.	12.4	118
76	Selective separation and preconcentration of copper (II) in environmental samples by the solid phase extraction on multi-walled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2009, 168, 1527-1531.	12.4	117
77	Flame atomic absorption spectrometric determination of copper, zinc and manganese after solid-phase extraction using 2,6-dichlorophenyl-3,3-bis(indolyl)methane loaded on Amberlite XAD-16. <i>Food and Chemical Toxicology</i> , 2010, 48, 891-897.	3.6	117
78	Removal of fluoride ions from aqueous solution by waste mud. <i>Journal of Hazardous Materials</i> , 2009, 168, 888-894.	12.4	116
79	Mercury(II) and methyl mercury speciation on <i>Streptococcus pyogenes</i> loaded Dowex Optipore SD-2. <i>Journal of Hazardous Materials</i> , 2009, 169, 345-350.	12.4	116
80	Deep eutectic solvent microextraction of lead(II), cobalt(II), nickel(II) and manganese(II) ions for the separation and preconcentration in some oil samples from Turkey prior to their microsampling flame atomic absorption spectrometric determination. <i>Microchemical Journal</i> , 2019, 147, 832-837.	4.5	115
81	Preparation of a Chelating Resin by Immobilizing 1-(2-Pyridylazo) 2-Naphtol on Amberlite XAD-16 and Its Application of Solid Phase Extraction of Ni(II), Cd(II), Co(II), Cu(II), Pb(II), and Cr(III) in Natural Water Samples. <i>Analytical Letters</i> , 2003, 36, 641-658.	1.8	114
82	Determination of trace element contents of baby foods from Turkey. <i>Food Chemistry</i> , 2007, 105, 280-285.	8.2	114
83	Central composite design and genetic algorithm applied for the optimization of ultrasonic-assisted removal of malachite green by ZnO Nanorod-loaded activated carbon. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 167, 157-164.	3.9	114
84	Three modified activated carbons by different ligands for the solid phase extraction of copper and lead. <i>Journal of Hazardous Materials</i> , 2008, 152, 1248-1255.	12.4	113
85	Cloud point extraction and flame atomic absorption spectrometry combination for copper(II) ion in environmental and biological samples. <i>Journal of Hazardous Materials</i> , 2008, 160, 435-440.	12.4	111
86	A preconcentration system for determination of copper and nickel in water and food samples employing flame atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2009, 162, 1041-1045.	12.4	110
87	A Sorbent Extraction Procedure for the Preconcentration of Gold, Silver and Palladium on an Activated Carbon Column. <i>Analytical Letters</i> , 2000, 33, 513-525.	1.8	109
88	Determination of Trace Amounts of Cobalt in Natural Water Samples as 4-(2-Thiazolylazo) Resorcinol Complex After Adsorptive Preconcentration. <i>Analytical Letters</i> , 1997, 30, 623-631.	1.8	108
89	Diaion SP-850 resin as a new solid phase extractor for preconcentration-separation of trace metal ions in environmental samples. <i>Journal of Hazardous Materials</i> , 2006, 137, 1496-1501.	12.4	108
90	The uses of 1-(2-pyridylazo) 2-naphtol (PAN) impregnated Ambersorb 563 resin on the solid phase extraction of traces heavy metal ions and their determinations by atomic absorption spectrometry. <i>Talanta</i> , 2003, 60, 215-221.	5.5	107

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91	Enrichment/separation of cadmium(II) and lead(II) in environmental samples by solid phase extraction. Journal of Hazardous Materials, 2005, 121, 79-87.	12.4	106
92	SPECIATION OF Cr(III) AND Cr(VI) IN TANNERY WASTEWATER AND SEDIMENT SAMPLES ON AMBERSORB 563 RESIN*. Analytical Letters, 2002, 35, 1437-1452.	1.8	105
93	Separation and enrichment of gold(III) from environmental samples prior to its flame atomic absorption spectrometric determination. Journal of Hazardous Materials, 2007, 149, 317-323.	12.4	105
94	A multi-element solid-phase extraction method for trace metals determination in environmental samples on Amberlite XAD-2000. Journal of Hazardous Materials, 2007, 146, 155-163.	12.4	104
95	Preconcentration and separation with Amberlite XAD-4 resin; determination of Cu, Fe, Pb, Ni, Cd and Bi at trace levels in waste water samples by flame atomic absorption spectrometry. Talanta, 2001, 54, 197-202.	5.5	103
96	Solid Phase Extraction of Cu(II), Pb(II), Fe(III), Co(II), and Cr(III) on Chelex-100 Column Prior to Their Flame Atomic Absorption Spectrometric Determinations. Analytical Letters, 2004, 37, 1203-1217.	1.8	103
97	Multi-element coprecipitation for separation and enrichment of heavy metal ions for their flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2009, 162, 724-729.	12.4	103
98	Removal of Cd(II) and Pb(II) from aqueous solution using dried water hyacinth as a biosorbent. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 413-420.	3.9	101
99	Trace Enrichment and Atomic Absorption Spectrometric Determination of Lead, Copper, Cadmium and Nickel in Drinking Water Samples by Use of an Activated Carbon Column. Analytical Letters, 1997, 30, 2801-2810.	1.8	100
100	Separation/preconcentration of trace heavy metals in urine, sediment and dialysis concentrates by coprecipitation with samarium hydroxide for atomic absorption spectrometry. Talanta, 2003, 59, 287-293.	5.5	100
101	Column solid-phase extraction of nickel and silver in environmental samples prior to their flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2009, 164, 1428-1432.	12.4	100
102	Spectrophotometric determination of molybdenum in steel samples utilizing selective sorbent extraction on Amberlite XAD-8 resin. Analytica Chimica Acta, 1996, 322, 111-115.	5.4	99
103	Optimization of microwave assisted digestion procedure for the determination of zinc, copper and nickel in tea samples employing flame atomic absorption spectrometry. Journal of Hazardous Materials, 2007, 149, 264-268.	12.4	98
104	SEPARATION AND ENRICHMENT OF CHROMIUM, COPPER, NICKEL AND LEAD IN SURFACE SEAWATER SAMPLES ON A COLUMN FILLED WITH AMBERLITE XAD-2000. Analytical Letters, 2001, 34, 1935-1947.	1.8	97
105	Evaluation of trace metal contents of some wild edible mushrooms from Black sea region, Turkey. Journal of Hazardous Materials, 2008, 160, 462-467.	12.4	97
106	Preconcentration of Cr(III), Co(II), Cu(II), Fe(III) and Pb(II) as calmagite chelates on cellulose nitrate membrane filter prior to their flame atomic absorption spectrometric determinations. Talanta, 2002, 56, 565-570.	5.5	96
107	Separation/preconcentration of silver(I) and lead(II) in environmental samples on cellulose nitrate membrane filter prior to their flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2007, 146, 142-147.	12.4	96
108	SOLID PHASE EXTRACTION OF TRACE METAL IONS WITH AMBERLITE XAD RESINS PRIOR TO ATOMIC ABSORPTION SPECTROMETRIC ANALYSIS. Instrumentation Science and Technology, 2001, 19, 329-344.	0.8	94

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109	Separation and speciation of selenium in food and water samples by the combination of magnesium hydroxide coprecipitation-graphite furnace atomic absorption spectrometric determination. <i>Talanta</i> , 2007, 71, 424-429.	5.5	93
110	Determination of As(III) and As(V) species in some natural water and food samples by solid-phase extraction on <i>Streptococcus pyogenes</i> immobilized on Sepabeads SP 70 and hydride generation atomic absorption spectrometry. <i>Food and Chemical Toxicology</i> , 2010, 48, 1393-1398.	3.6	91
111	Column Preconcentration of Trace Amounts of Copper on Activated Carbon from Natural Water Samples. <i>Analytical Letters</i> , 1996, 29, 635-643.	1.8	89
112	Determination of trace impurities in some nickel compounds by flame atomic absorption spectrometry after solid phase extraction using Amberlite XAD-16 resin. <i>Fresenius' Journal of Analytical Chemistry</i> , 2000, 368, 358-361.	1.5	89
113	Preconcentration and Separation of Trace Metal Ions From Sea Water Samples by Sorption on Amberlite XAD-16 After Complexation with Sodium Diethyl Dithiocarbamate. <i>International Journal of Environmental Analytical Chemistry</i> , 1997, 66, 51-59.	3.3	88
114	Mercury Contamination in Mushroom Samples from Tokat, Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 74, 968-972.	2.7	85
115	Biosorption of copper(II), lead(II), iron(III) and cobalt(II) on <i>Bacillus sphaericus</i> -loaded Diaion SP-850 resin. <i>Analitica Chimica Acta</i> , 2007, 581, 241-246.	5.4	85
116	Preconcentration of trace metals in river waters by the application of chelate adsorption on Amberlite XAD-4. <i>Fresenius' Journal of Analytical Chemistry</i> , 1992, 342, 175-178.	1.5	84
117	Evaluation of trace element contents of dried apricot samples from Turkey. <i>Journal of Hazardous Materials</i> , 2009, 167, 647-652.	12.4	82
118	Temperature controlled ionic liquid-dispersive liquid phase microextraction for determination of trace lead level in blood samples prior to analysis by flame atomic absorption spectrometry with multivariate optimization. <i>Microchemical Journal</i> , 2012, 101, 5-10.	4.5	82
119	Nanomaterials-based solid phase extraction and solid phase microextraction for heavy metals food toxicity. <i>Food and Chemical Toxicology</i> , 2020, 145, 111704.	3.6	82
120	Celtek clay as sorbent for separation and preconcentration of metal ions from environmental samples. <i>Journal of Hazardous Materials</i> , 2006, 136, 597-603.	12.4	81
121	Solid phase extraction method for the determination of iron, lead and chromium by atomic absorption spectrometry using Amberlite XAD-2000 column in various water samples. <i>Journal of Hazardous Materials</i> , 2008, 153, 454-461.	12.4	81
122	Selective speciation and determination of inorganic arsenic in water, food and biological samples. <i>Food and Chemical Toxicology</i> , 2010, 48, 41-46.	3.6	81
123	Simultaneous preconcentrations of Co ²⁺ , Cr ⁶⁺ , Hg ²⁺ and Pb ²⁺ ions by <i>Bacillus altitudinis</i> immobilized nanodiamond prior to their determinations in food samples by ICP-OES. <i>Food Chemistry</i> , 2017, 215, 447-453.	8.2	81
124	Assessment of trace element levels in <i>Rhododendron</i> honeys of Black Sea Region, Turkey. <i>Journal of Hazardous Materials</i> , 2008, 156, 612-618.	12.4	80
125	Switchable solvent-based liquid phase microextraction of copper(II): optimization and application to environmental samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1629-1635.	3.0	80
126	Polypyrrole/multi-walled carbon nanotube composite for the solid phase extraction of lead(II) in water samples. <i>Talanta</i> , 2014, 119, 447-451.	5.5	79

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127	Solid-phase extraction and determination of trace amount of some metal ions on Duolite XAD 761 modified with a new Schiff base as chelating agent in some food samples. <i>Food and Chemical Toxicology</i> , 2011, 49, 208-214.	3.6	78
128	Comparison between dispersive liquid-liquid microextraction and ultrasound-assisted nanoparticles-dispersive solid-phase microextraction combined with microvolume spectrophotometry method for the determination of Auramine-O in water samples. <i>RSC Advances</i> , 2015, 5, 39084-39096.	3.6	78
129	Activated carbon from waste as an efficient adsorbent for malathion for detection and removal purposes. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 32, 336-344.	5.8	78
130	Microwave and Wet Digestion Procedures for Atomic Absorption Spectrometric Determination of Trace Metals Contents of Sediment Samples. <i>Analytical Letters</i> , 2004, 37, 1925-1936.	1.8	76
131	Speciation of selenium(IV) and selenium(VI) in environmental samples by the combination of graphite furnace atomic absorption spectrometric determination and solid phase extraction on Diaion HP-2MG. <i>Talanta</i> , 2007, 71, 1375-1381.	5.5	75
132	Switchable polarity solvent for liquid phase microextraction of Cd(II) as pyrrolidinedithiocarbamate chelates from environmental samples. <i>Analytica Chimica Acta</i> , 2015, 886, 75-82.	5.4	75
133	Bovine serum albumin-Cu(II) hybrid nanoflowers: An effective adsorbent for solid phase extraction and slurry sampling flame atomic absorption spectrometric analysis of cadmium and lead in water, hair, food and cigarette samples. <i>Analytica Chimica Acta</i> , 2016, 906, 110-117.	5.4	75
134	Magnetic solid phase extraction of trace paracetamol and caffeine in synthetic urine and wastewater samples by a using core shell hybrid material consisting of graphene oxide/multiwalled carbon nanotube/Fe ₃ O ₄ /SiO ₂ . <i>Microchemical Journal</i> , 2019, 145, 843-851.	4.5	74
135	Biosorption of heavy metals on <i>Aspergillus fumigatus</i> immobilized Diaion HP-2MG resin for their atomic absorption spectrometric determinations. <i>Talanta</i> , 2006, 70, 1129-1135.	5.5	73
136	Determination of some heavy metals in food and environmental samples by flame atomic absorption spectrometry after coprecipitation. <i>Food and Chemical Toxicology</i> , 2011, 49, 1242-1248.	3.6	73
137	Molecularly imprinted polymer based quartz crystal microbalance sensor system for sensitive and label-free detection of synthetic cannabinoids in urine. <i>Biosensors and Bioelectronics</i> , 2018, 111, 10-17.	10.1	73
138	Ligandless ultrasonic-assisted and ionic liquid-based dispersive liquid-liquid microextraction of copper, nickel and lead in different food samples. <i>Food Chemistry</i> , 2015, 167, 433-437.	8.2	72
139	Evaluation of trace element contents in canned foods marketed from Turkey. <i>Food Chemistry</i> , 2007, 102, 1089-1095.	8.2	71
140	Simultaneous preconcentration of Co(II), Ni(II), Cu(II), and Cd(II) from environmental samples on Amberlite XAD-2000 column and determination by FAAS. <i>Journal of Hazardous Materials</i> , 2009, 162, 292-299.	12.4	71
141	Simultaneous coprecipitation of lead, cobalt, copper, cadmium, iron and nickel in food samples with zirconium(IV) hydroxide prior to their flame atomic absorption spectrometric determination. <i>Food and Chemical Toxicology</i> , 2009, 47, 2302-2307.	3.6	71
142	Chromium and iron determinations in food and herbal plant samples by atomic absorption spectrometry after solid phase extraction on single-walled carbon nanotubes (SWCNTs) disk. <i>Food and Chemical Toxicology</i> , 2010, 48, 1511-1515.	3.6	71
143	Preparation and characterization of magnetic carboxylated nanodiamonds for vortex-assisted magnetic solid-phase extraction of ziram in food and water samples. <i>Talanta</i> , 2016, 158, 152-158.	5.5	71
144	Coprecipitation of trace elements with Ni ²⁺ /2-Nitroso-1-naphthol-4-sulfonic acid and their determination by flame atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2010, 176, 1032-1037.	12.4	70

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145	Switchable solvent based green liquid phase microextraction method for cobalt in tobacco and food samples prior to flame atomic absorption spectrometric determination. <i>Journal of Molecular Liquids</i> , 2017, 229, 459-464.	4.9	70
146	Activated carbon cloth filled pipette tip for solid phase extraction of nickel(II), lead(II), cadmium(II), copper(II) and cobalt(II) as 1,3,4-thiadiazole-2,5-dithiol chelates for ultra-trace detection by FAAS. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 171-181.	3.3	69
147	Activated carbon and multiwalled carbon nanotubes as efficient adsorbents for removal of arsenazo(I^{TM} I^{TM}) and methyl red from waste water. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 438-449.	1.2	68
148	A pre-concentration procedure using coprecipitation for determination of lead and iron in several samples using flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2006, 575, 133-137.	5.4	67
149	Application of deep eutectic solvent in ultrasound-assisted emulsification microextraction of quercetin from some fruits and vegetables. <i>Journal of Molecular Liquids</i> , 2019, 279, 571-577.	4.9	67
150	Determination of chloramphenicol and tetracycline residues in milk samples by means of nanofiber coated magnetic particles prior to high-performance liquid chromatography-diode array detection. <i>Talanta</i> , 2021, 230, 122307.	5.5	67
151	Determinations of Some Trace Metals in Dialysis Solutions by Atomic Absorption Spectrometry After Preconcentration. <i>Analytical Letters</i> , 1993, 26, 1997-2007.	1.8	66
152	Speciation of Cr(III) and Cr(VI) after column solid phase extraction on Amberlite XAD-2010. <i>Journal of Hazardous Materials</i> , 2007, 143, 112-117.	12.4	66
153	Multivariate analysis of heavy metal contents of sediments from Gumusler creek, Nigde, Turkey. <i>Environmental Geology</i> , 2008, 54, 1155-1163.	1.2	66
154	Development a novel supramolecular solvent microextraction procedure for copper in environmental samples and its determination by microsampling flame atomic absorption spectrometry. <i>Talanta</i> , 2014, 126, 191-195.	5.5	66
155	Ultrasound assisted-deep eutectic solvent extraction of iron from sheep, bovine and chicken liver samples. This study is a part of PhD thesis of Erkan Yilmaz.. <i>Talanta</i> , 2015, 136, 170-173.	5.5	66
156	Preconcentration and separation of Co^{2+} , Ni^{2+} , Cu^{2+} and Cd^{2+} in real samples by solid phase extraction of a calix[4] resorcinarene modified Amberlite XAD-16 resin. <i>Journal of Hazardous Materials</i> , 2009, 172, 802-808.	12.4	65
157	Rapid ionic liquid-based ultrasound assisted dual magnetic microextraction to preconcentrate and separate cadmium-4-(2-thiazolylazo)-resorcinol complex from environmental and biological samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 194-199.	3.9	65
158	A novel and simple deep eutectic solvent based liquid phase microextraction method for rhodamine B in cosmetic products and water samples prior to its spectrophotometric determination. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 202, 81-86.	3.9	65
159	Development of a coprecipitation system for the speciation/preconcentration of chromium in tap waters. <i>Journal of Hazardous Materials</i> , 2010, 173, 433-437.	12.4	64
160	Polyhydroxybutyrate-b-polyethyleneglycol block copolymer for the solid phase extraction of lead and copper in water, baby foods, tea and coffee samples. <i>Food Chemistry</i> , 2014, 152, 75-80.	8.2	64
161	Carbon-coated Fe_3O_4 nanoparticles with surface amido groups for magnetic solid phase extraction of Cr(III), Co(II), Cd(II), Zn(II) and Pb(II) prior to their quantitation by ICP-MS. <i>Mikrochimica Acta</i> , 2017, 184, 2645-2651.	5.0	64
162	Column system using diaion HP-2MG for determination of some metal ions by flame atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2004, 504, 325-334.	5.4	63

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163	Solid phase extraction of metal ions in environmental samples on 1-(2-pyridylazo)-2-naphthol impregnated activated carbon cloth. <i>Ecotoxicology and Environmental Safety</i> , 2015, 112, 74-79.	6.0	63
164	Pressure-assisted ionic liquid dispersive microextraction of vanadium coupled with electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1441.	3.0	62
165	A magnetic $\text{MoS}_2\text{-Fe}_3\text{O}_4$ nanocomposite as an effective adsorbent for dispersive solid-phase microextraction of lead(II) and copper(II) prior to their determination by FAAS. <i>Mikrochimica Acta</i> , 2017, 184, 3969-3976.	5.0	62
166	Carrier element-free coprecipitation (CEFC) method for the separation, preconcentration and speciation of chromium using an isatin derivative. <i>Analytica Chimica Acta</i> , 2009, 632, 35-41.	5.4	61
167	Determination of trace amounts of hexavalent chromium in drinking waters by dispersive microsolid-phase extraction using modified multiwalled carbon nanotubes combined with total reflection X-ray fluorescence spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 107, 170-177.	2.9	61
168	A new magnetic nanodiamond/graphene oxide hybrid ($\text{Fe}_3\text{O}_4@\text{ND}@\text{GO}$) material for pre-concentration and sensitive determination of sildenafil in alleged herbal aphrodisiacs by HPLC-DAD system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1084, 113-121.	2.3	61
169	Heavy Metals in Black Tea Samples Produced in Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 72, 844-9.	2.7	60
170	Pyrocatechol violet impregnated magnetic graphene oxide for magnetic solid phase microextraction of copper in water, black tea and diet supplements. <i>Food Chemistry</i> , 2020, 321, 126737.	8.2	60
171	Speciation analysis of inorganic Sb(III) and Sb(V) ions by using mini column filled with Amberlite XAD-8 resin. <i>Analytica Chimica Acta</i> , 2004, 505, 37-41.	5.4	59
172	Cloud point extraction procedure for flame atomic absorption spectrometric determination of lead(II) in sediment and water samples. <i>Mikrochimica Acta</i> , 2007, 157, 193-199.	5.0	59
173	Speciation of Mn(II), Mn(VII) and total manganese in water and food samples by coprecipitation-atomic absorption spectrometry combination. <i>Journal of Hazardous Materials</i> , 2010, 173, 773-777.	12.4	59
174	Flame atomic absorption spectrometric (FAAS) determination of copper, iron and zinc in food samples after solid-phase extraction on Schiff base-modified duolite XAD 761. <i>Materials Science and Engineering C</i> , 2013, 33, 2338-2344.	7.3	59
175	Nanomaterial's based chromium speciation in environmental samples: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 44-55.	11.4	59
176	Separation of Gold, Palladium and Platinum from Metallurgical Samples Using an Amberlite XAD-7 Resin Column Prior to Their Atomic Absorption Spectrometric Determinations. <i>Analytical Sciences</i> , 2003, 19, 1621-1624.	1.6	58
177	Dysprosium(III) hydroxide coprecipitation system for the separation and preconcentration of heavy metal contents of table salts and natural waters. <i>Journal of Hazardous Materials</i> , 2007, 143, 555-560.	12.4	57
178	Copper(II)-8-hydroxiquinoline coprecipitation system for preconcentration and separation of cobalt(II) and manganese(II) in real samples. <i>Journal of Hazardous Materials</i> , 2007, 147, 832-837.	12.4	57
179	Development of a selective and sensitive flotation method for determination of trace amounts of cobalt, nickel, copper and iron in environmental samples. <i>Journal of Hazardous Materials</i> , 2008, 151, 26-32.	12.4	57
180	Silica chemically bonded N-propyl kriptofix 21 and 22 with immobilized palladium nanoparticles for solid phase extraction and preconcentration of some metal ions. <i>Materials Science and Engineering C</i> , 2013, 33, 3180-3189.	7.3	57

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181	Determination of heavy metals in sediments of the Ergene River by BCR sequential extraction method. <i>Environmental Earth Sciences</i> , 2014, 72, 3293-3305.	2.7	57
182	Latest trends, green aspects, and innovations in liquid-phase-based microextraction techniques: a review. <i>Turkish Journal of Chemistry</i> , 2016, 40, 868-893.	1.2	57
183	Vortex assisted magnetic solid phase extraction of lead(II) and cobalt(II) on silica coated magnetic multiwalled carbon nanotubes impregnated with 1-(2-pyridylazo)-2-naphthol. <i>Journal of Molecular Liquids</i> , 2016, 224, 639-647.	4.9	57
184	Coprecipitation of Cu(II), Ni(II), Fe(III), Cd(II), Pb(II), and Co(II) in Wastewater, Sediment, and Metallic Zinc Samples with HMDTC-HMA for Flame Atomic Absorption Spectrometric Determination. <i>Analytical Letters</i> , 2003, 36, 987-999.	1.8	56
185	Kinetic and equilibrium study of Alizarin Red S removal by activated carbon. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 40-48.	1.2	56
186	Green synthesis of magnetic carbon nanodot/graphene oxide hybrid material (Fe ₃ O ₄ @C-nanodot@GO) for magnetic solid phase extraction of ibuprofen in human blood samples prior to HPLC-DAD determination. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 179, 113001.	2.8	56
187	A review: Recent advances in solid phase microextraction of toxic pollutants using nanotechnology scenario. <i>Microchemical Journal</i> , 2020, 159, 105436.	4.5	56
188	Preconcentration, separation and spectrophotometric determination of aluminium(III) in water samples and dialysis concentrates at trace levels with 8-hydroxyquinoline-cobalt(II) coprecipitation system. <i>Journal of Hazardous Materials</i> , 2010, 182, 331-336.	12.4	55
189	Supramolecular solvent-based dispersive liquid-liquid microextraction of copper from water and hair samples. <i>RSC Advances</i> , 2015, 5, 40422-40428.	3.6	55
190	Determination of copper, lead and iron in water and food samples after column solid phase extraction using 1-phenylthiosemicarbazide on Dowex Optipore L-493 resin. <i>Food and Chemical Toxicology</i> , 2011, 49, 458-463.	3.6	54
191	Chemically bonded multiwalled carbon nanotubes as efficient material for solid phase extraction of some metal ions in food samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 528-542.	3.3	54
192	Nanodiamond/MoS ₂ nanorod composite as a novel sorbent for fast and effective vortex-assisted micro solid phase extraction of lead(II) and copper(II) for their flame atomic absorption spectrometric detection. <i>Journal of Molecular Liquids</i> , 2017, 234, 260-267.	4.9	54
193	Magnetic nanomaterials for the removal, separation and preconcentration of organic and inorganic pollutants at trace levels and their practical applications: A review. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 29, e00109.	10.3	54
194	A solid phase extraction procedure for Indium prior to its graphite furnace atomic absorption spectrometric determination. <i>Journal of Hazardous Materials</i> , 2006, 129, 179-185.	12.4	53
195	Solid phase extraction method for selective determination of Pb(II) in water samples using 4-(4-methoxybenzylideneimine) thiophenole. <i>Journal of Hazardous Materials</i> , 2007, 142, 368-373.	12.4	53
196	Speciation and separation of Cr(VI) and Cr(III) using coprecipitation with Ni ²⁺ /2-Nitroso-1-naphthol-4-sulfonic acid and determination by FAAS in water and food samples. <i>Food and Chemical Toxicology</i> , 2009, 47, 2601-2605.	3.6	53
197	Biosorption of aluminum on <i>Pseudomonas aeruginosa</i> loaded on Chromosorb 106 prior to its graphite furnace atomic absorption spectrometric determination. <i>Journal of Hazardous Materials</i> , 2008, 154, 519-525.	12.4	52
198	Ligandless surfactant mediated solid phase extraction combined with Fe ₃ O ₄ nano-particle for the preconcentration and determination of cadmium and lead in water and soil samples followed by flame atomic absorption spectrometry: Multivariate strategy. <i>Ecotoxicology and Environmental Safety</i> , 2014, 102, 174-178.	6.0	52

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199	A biosorption system for metal ions on <i>Penicillium italicum</i> loaded on Sepabeads SP 70 prior to flame atomic absorption spectrometric determinations. <i>Journal of Hazardous Materials</i> , 2008, 152, 1171-1178.	12.4	51
200	Graphite furnace atomic absorption spectrometric detection of vanadium in water and food samples after solid phase extraction on multiwalled carbon nanotubes. <i>Talanta</i> , 2013, 116, 205-209.	5.5	51
201	A simple, rapid and green ultrasound assisted and ionic liquid dispersive microextraction procedure for the determination of tin in foods employing ETAAS. <i>Food Chemistry</i> , 2018, 245, 380-384.	8.2	51
202	SP70- β -benzoin oxime chelating resin for preconcentration separation of Pb(II), Cd(II), Co(II) and Cr(III) in environmental samples. <i>Journal of Hazardous Materials</i> , 2007, 145, 113-119.	12.4	50
203	Inorganic arsenic speciation in various water samples with GFAAS using coprecipitation. <i>International Journal of Environmental Analytical Chemistry</i> , 2008, 88, 711-723.	3.3	50
204	Separation and preconcentration of lead, chromium and copper by using with the combination coprecipitation-flame atomic absorption spectrometric determination. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1030-1034.	5.8	50
205	Magnetic solid phase extraction of lead and cadmium on a magnetic phosphorus-containing polymer (M-PhCP) for their microsampling flame atomic absorption spectrometric determinations. <i>RSC Advances</i> , 2015, 5, 33801-33808.	3.6	50
206	Honeybees and honey as monitors for heavy metal contamination near thermal power plants in Mugla, Turkey. <i>Toxicology and Industrial Health</i> , 2016, 32, 507-516.	1.4	50
207	Rapid and sensitive detection of synthetic cannabinoids JWH-018, JWH-073 and their metabolites using molecularly imprinted polymer-coated QCM nanosensor in artificial saliva. <i>Microchemical Journal</i> , 2020, 153, 104454.	4.5	50
208	Switchable-hydrophilicity solvent liquid-liquid microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 116025.	11.4	50
209	Speciation of Cr(III) and Cr(VI) in environmental samples by solid phase extraction on Amborsorb 563 resin. <i>Journal of Hazardous Materials</i> , 2006, 136, 579-584.	12.4	49
210	Switchable solvent based liquid phase microextraction of uranium in environmental samples: a green approach. <i>Analytical Methods</i> , 2016, 8, 979-986.	2.7	49
211	A novel ultrasonication-assisted deep eutectic solvent microextraction procedure for tartrazine at trace levels from environmental samples. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 461-467.	2.2	49
212	SEPARATION/PRECONCENTRATION OF Cu(II), Fe(III), Pb(II), Co(II), AND Cr(III) IN AQUEOUS SAMPLES ON CELLULOSE NITRATE MEMBRANE FILTER AND THEIR DETERMINATION BY ATOMIC ABSORPTION SPECTROMETRY. <i>Analytical Letters</i> , 2002, 35, 1561-1574.	1.8	48
213	Evaluation of trace heavy metal levels of some fish species sold at retail in Kayseri, Turkey. <i>Environmental Monitoring and Assessment</i> , 2009, 149, 223-228.	2.7	48
214	Preconcentration and separation of trace amount of heavy metal ions on bis(2-hydroxy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (a 1408-1414.	12.4	48
215	Chemical fractionation, mobility and environmental impacts of heavy metals in greenhouse soils from \check{A} nanakkale, Turkey. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	48
216	Ligandless switchable solvent based liquid phase microextraction of nickel from food and cigarette samples prior to its micro-sampling flame atomic absorption spectrometric determination. <i>Journal of Molecular Liquids</i> , 2017, 237, 236-241.	4.9	48

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217	Trace Heavy Metal Levels in Street Dust Samples from Yozgat City Center, Turkey. <i>Instrumentation Science and Technology</i> , 2003, 21, 351-361.	0.8	47
218	Solid phase extraction of gold(III) on Amberlite XAD-2000 prior to its flame atomic absorption spectrometric determination. <i>Environmental Monitoring and Assessment</i> , 2007, 132, 331-338.	2.7	47
219	Coprecipitation of Ni ²⁺ , Cd ²⁺ and Pb ²⁺ for pre-concentration in environmental samples prior to flame atomic absorption spectrometric determinations. <i>Journal of Hazardous Materials</i> , 2008, 159, 435-439.	12.4	47
220	Solid phase extraction of Cd, Pb, Ni, Cu, and Zn in environmental samples on multiwalled carbon nanotubes. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5461-5468.	2.7	47
221	Ultrasound-assisted ionic liquid-based dispersive liquid-liquid microextraction for pre-concentration of patent blue V and its determination in food samples by UV-visible spectrophotometry. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 203.	2.7	47
222	Insights into the chemical partitioning of trace metals in roadside and off-road agricultural soils along two major highways in Attica's region, Greece. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 101-110.	6.0	47
223	Cloud point extraction for the determination of copper in environmental samples by flame atomic absorption spectrometry. <i>Quimica Nova</i> , 2008, 31, 70-74.	0.3	47
224	Simultaneous Pre-concentration of Copper, Nickel, Cobalt and Lead Ions Prior to Their Flame Atomic Absorption Spectrometric Determination. <i>Annali Di Chimica</i> , 2007, 97, 277-285.	0.6	46
225	Cr(VI) and Cr(III) speciation on Bacillus sphaericus loaded diaion SP-850 resin. <i>Journal of Hazardous Materials</i> , 2007, 144, 549-555.	12.4	46
226	Removal of cadmium from aqueous solution by Nordmann fir (<i>Abies nordmanniana</i> (Stev.) Spach.) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	9.6	46
227	Determination of Lead, Copper, and Iron in Cosmetics, Water, Soil, and Food Using Polyhydroxybutyrate-B-polydimethyl Siloxane Pre-concentration and Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2015, 48, 1163-1179.	1.8	46
228	Deep eutectic solvent based liquid phase microextraction of nickel at trace level as its diethyldithiocarbamate chelate from environmental samples. <i>Microchemical Journal</i> , 2019, 145, 745-750.	4.5	46
229	Spectrophotometric determination of trace amounts of tungsten in geological samples after pre-concentration on Amberlite XAD-1180. <i>Talanta</i> , 1995, 42, 1513-1517.	5.5	45
230	Development of efficient method for pre-concentration and determination of copper, nickel, zinc and iron ions in environmental samples by combination of cloud point extraction and flame atomic absorption spectrometry. <i>Open Chemistry</i> , 2009, 7, 148-154.	1.9	45
231	Cloud Point Extraction of Copper, Zinc, Iron and Nickel in Biological and Environmental Samples by Flame Atomic Absorption Spectrometry. <i>Separation Science and Technology</i> , 2009, 44, 773-786.	2.5	45
232	Pre-concentration of Cd(II) and Cu(II) ions by coprecipitation without any carrier element in some food and water samples. <i>Microchemical Journal</i> , 2011, 98, 317-322.	4.5	45
233	Cr speciation in water samples by dispersive liquid-liquid microextraction combined with total reflection X-ray fluorescence spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 115, 46-51.	2.9	45
234	Highly Simple Deep Eutectic Solvent Extraction of Manganese in Vegetable Samples Prior to Its ICP-OES Analysis. <i>Biological Trace Element Research</i> , 2017, 179, 334-339.	3.5	45

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235	Solid phase extraction on multiwalled carbon nanotubes and flame atomic absorption spectrometry combination for determination of some metal ions in environmental and food samples. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 873-885.	1.2	44
236	Membrane filtration of Sudan orange G on a cellulose acetate membrane filter for separationâ€preconcentration and spectrophotometric determination in water, chili powder, chili sauce and tomato sauce samples. <i>Food and Chemical Toxicology</i> , 2012, 50, 2709-2713.	3.6	44
237	Separationâ€preconcentration of nickel and lead in food samples by a combination of solidâ€liquidâ€solid dispersive extraction using SiO ₂ nanoparticles, ionic liquid-based dispersive liquidâ€liquid micro-extraction. <i>Talanta</i> , 2015, 131, 361-365.	5.5	44
238	Metal organic frameworks enhanced dispersive solid phase microextraction of malathion before detection by UHPLCâ€MS/MS. <i>Journal of Separation Science</i> , 2020, 43, 3103-3109.	2.5	44
239	Development of Hypericum perforatum oil incorporated antimicrobial and antioxidant chitosan cryogel as a wound dressing material. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1581-1590.	7.5	43
240	Metal organic frameworks as nanomaterials for analysis of toxic metals in food and environmental applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116417.	11.4	43
241	Electrochemical immunosensor for rapid and highly sensitive detection of SARS-CoV-2 antigen in the nasal sample. <i>Talanta</i> , 2022, 240, 123211.	5.5	43
242	Trace element levels in some dried fruit samples from Turkey. <i>International Journal of Food Sciences and Nutrition</i> , 2008, 59, 581-589.	2.8	42
243	Trace metal contents in chewing gums and candies marketed in Turkey. <i>Environmental Monitoring and Assessment</i> , 2009, 149, 283-289.	2.7	42

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253	Solid-phase extraction of Fe(III), Pb(II) and Cr(III) in environmental samples on amberlite XAD-7 and their determinations by flame atomic absorption spectrometry. <i>Journal of Hazardous Materials</i> , 2007, 149, 331-337.	12.4	40
254	A new approach to separation and pre-concentration of some trace metals with co-precipitation method using a triazole. <i>Talanta</i> , 2008, 76, 469-474.	5.5	40
255	Column solid-phase extraction of sunset yellow and spectrophotometric determination of its use in powdered beverage and confectionery products. <i>International Journal of Food Science and Technology</i> , 2012, 47, 1253-1258.	2.7	40
256	Selective speciation of inorganic antimony on tetraethylenepentamine bonded silica gel column and its determination by graphite furnace atomic absorption spectrometry. <i>Talanta</i> , 2013, 107, 162-166.	5.5	40
257	Preconcentration/separation of lead at trace level from water samples by mixed micelle cloud point extraction. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 29, 48-51.	5.8	40
258	Magnetic solid phase extractions of Co(II) and Hg(II) by using magnetized <i>C. micaceus</i> from water and food samples. <i>Food Chemistry</i> , 2019, 271, 232-238.	8.2	40
259	<i>Bacillus thuringiensis</i> var. <i>israelensis</i> immobilized on Chromosorb 101: A new solid phase extractant for preconcentration of heavy metal ions in environmental samples. <i>Journal of Hazardous Materials</i> , 2008, 150, 357-363.	12.4	39
260	Determination of trace heavy metals in some textile products produced in Turkey; <i>Bulletin of the Chemical Society of Ethiopia</i> , 2008, 22, .	1.1	39
261	Selective extraction of chromium(VI) using a leaching procedure with sodium carbonate from some plant leaves, soil and sediment samples. <i>Journal of Hazardous Materials</i> , 2010, 173, 778-782.	12.4	39
262	Single step in-syringe system for ionic liquid based liquid microextraction combined with flame atomic absorption spectrometry for lead determination. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1960.	3.0	39
263	Developing a new and simple ultrasound-assisted Hg emulsification liquid phase microextraction method built upon deep eutectic solvents for Patent Blue V in syrup and water samples. <i>Microchemical Journal</i> , 2019, 145, 813-818.	4.5	39
264	ON-LINE SOLID PHASE EXTRACTION SYSTEM FOR CHROMIUM DETERMINATION IN WATER SAMPLES BY FLOW INJECTION-FLAME ATOMIC ABSORPTION SPECTROMETRY. <i>Analytical Letters</i> , 2002, 35, 1519-1530.	1.8	38
265	Membrane filtration “ atomic absorption spectrometry combination for copper, cobalt, cadmium, lead and chromium in environmental samples. <i>Environmental Monitoring and Assessment</i> , 2007, 127, 169-176.	2.7	38
266	Trace element concentrations of some pet foods commercially available in Turkey. <i>Food and Chemical Toxicology</i> , 2010, 48, 2833-2837.	3.6	38
267	Vortex-assisted liquid-liquid microextraction coupled to flame atomic absorption spectrometry for lead determination: ionic liquid based microextraction using Triton X-100 as dispersant. <i>Analytical Methods</i> , 2012, 4, 4091.	2.7	38
268	Flame atomic absorption spectrometric determination of Cd, Pb, and Cu in food samples after pre-concentration using 4-(2-thiazolylazo) resorcinol-modified activated carbon. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3989-3993.	5.8	38
269	Cu ₂ O-CuO ball like/multiwalled carbon nanotube hybrid for fast and effective ultrasound-assisted solid phase extraction of uranium at ultra-trace level prior to ICP-MS detection. <i>Talanta</i> , 2020, 207, 120295.	5.5	38
270	Determination of trace metal content of various herbal and fruit teas produced and marketed in Turkey. <i>Trace Elements and Electrolytes</i> , 2005, 22, 192-195.	0.1	38

#	ARTICLE	IF	CITATIONS
271	Determination of Some Trace Metals in Environmental Samples by Flame AAS Following Solid Phase Extraction with Amberlite XAD-2000 Resin after Complexing with 8-Hydroxyquinoline. Chinese Journal of Chemistry, 2007, 25, 196-202.	4.9	37
272	5-Chloro-2-hydroxyanilineâ€“copper(II) coprecipitation system for preconcentration and separation of lead(II) and chromium(III) at trace levels. Journal of Hazardous Materials, 2008, 158, 137-141.	12.4	37
273	Equilibrium, Thermodynamic, and Kinetic Studies on Lead (II) Biosorption from Aqueous Solution by <i>Saccharomyces cerevisiae</i> Biomass. Clean - Soil, Air, Water, 2010, 38, 877-885.	1.1	37
274	Speciation of Antimony Using Chromosorb 102 Resin as a Retention Medium.. Analytical Sciences, 2003, 19, 259-264.	1.6	36
275	Trace element content in marine algae species from the Black Sea, Turkey. Environmental Monitoring and Assessment, 2009, 151, 363-368.	2.7	36
276	Thulium hydroxide: A new coprecipitant for speciation of chromium in natural water samples. Journal of Hazardous Materials, 2009, 162, 1228-1232.	12.4	36
277	Coprecipitation of palladium(II) with 1,5-diphenylcarbaziteâ€“copper(II) and determination by flame atomic absorption spectrometry. Desalination, 2011, 270, 130-134.	8.2	36
278	An environment-friendly and rapid liquid-liquid microextraction based on new synthesized hydrophobic deep eutectic solvent for separation and preconcentration of erythrosine (E127) in biological and pharmaceutical samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118842.	3.9	36
279	A solid phase extraction procedure for Fe ³⁺ , Cu ²⁺ and Zn ²⁺ ions on 2-phenyl-1H-benzo[d]imidazole loaded on Triton X-100-coated polyvinyl chloride. Journal of Hazardous Materials, 2008, 158, 131-136.	12.4	35
280	Extractable Trace Metals Content of Dust from Vehicle Air Filters as Determined by Sequential Extraction and Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2009, 92, 1196-1202.	1.5	35
281	Biosorption of Heavy Metals by <i>Anoxybacillus gonensis</i> Immobilized on Diaion HP-2MG. Separation Science and Technology, 2009, 44, 335-358.	2.5	35
282	Determination of Cadmium in Fruit and Vegetables by Ionic Liquid Magnetic Microextraction and Flame Atomic Absorption Spectrometry. Analytical Letters, 2015, 48, 464-476.	1.8	35
283	A new separation and preconcentration method for selenium in some foods using modified silica gel with 2,6-diamino-4-phenil-1,3,5-triazine. Food Chemistry, 2017, 221, 1394-1399.	8.2	35
284	Determination of trace element contaminants in herbal teas using ICP-MS by different sample preparation method. Journal of Food Science and Technology, 2020, 57, 927-933.	2.8	35
285	On-line preconcentration of copper as its pyrocatechol violet complex on Chromosorb 105 for flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2009, 163, 1298-1302.	12.4	34
286	Removal of COOH, Cd and Pb using water hyacinth: FTIR and flame atomic absorption study. Journal of the Iranian Chemical Society, 2009, 6, 364-372.	2.2	34
287	Ligandless reversed-phase switchable-hydrophilicity solvent liquidâ€“liquid microextraction combined with flame-atomic absorption spectrometry for the determination of copper in oil samples. Microchemical Journal, 2020, 156, 104868.	4.5	34
288	Determination of Trace Metal Ions in SeaWater by Atomic Absorption Spectrometry After Separation/Preconcentration with Calmagite on Amberlite Xad-1180. International Journal of Environmental Analytical Chemistry, 2002, 82, 225-231.	3.3	33

#	ARTICLE	IF	CITATIONS
289	Heavy metal contents of refined and unrefined table salts from Turkey, Egypt and Greece. <i>Environmental Monitoring and Assessment</i> , 2008, 143, 267-272.	2.7	33
290	Functionalized nanomaterials for sample preparation methods. , 2020, , 375-413.		33
291	An environmentally friendly and novel amine-based liquid phase microextraction of quercetin in food samples prior to its determination by UV-vis spectrophotometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 243, 118806.	3.9	33
292	Application of Cloud Point Extraction for Copper, Nickel, Zinc and Iron Ions in Environmental Samples. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 981-986.	1.4	32
293	Cloud Point Extraction and Flame Atomic Absorption Spectrometry Determination of Lead (II) in Environmental and Food Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1797-1802.	1.5	32
294	Ligandless temperature-controlled ionic liquid-phase microextraction of lead(II) ion prior to its determination by FAAS. <i>Mikrochimica Acta</i> , 2013, 180, 669-674.	5.0	32
295	Preconcentration of lead from aqueous solution with activated carbon cloth prior to analysis by flame atomic absorption spectrometry: a multivariate study. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 601.	3.0	32
296	A membrane filtration procedure for the enrichment, separation, and flame atomic absorption spectrometric determinations of some metals in water, hair, urine, and fish samples. <i>Desalination and Water Treatment</i> , 2015, 53, 3457-3465.	1.0	32
297	Assessment of metal contents in spices and herbs from Saudi Arabia. <i>Toxicology and Industrial Health</i> , 2016, 32, 260-269.	1.4	32
298	A Novel Selective Deep Eutectic Solvent Extraction Method for Versatile Determination of Copper in Sediment Samples by ICP-OES. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 99, 264-269.	2.7	32
299	New bis- and tetrakis-1,2,3-triazole derivatives: Synthesis, DNA cleavage, molecular docking, antimicrobial, antioxidant activity and acid dissociation constants. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 55, 128453.	2.2	32
300	Membrane Filtration of Iron(III), Copper(II) and Lead(II) Ions as 1-(2-Pyridylazo) 2-Naphtol (PAN) for Their Preconcentration and Atomic Absorption Determinations. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 703-706.	1.4	31
301	Determination of total chromium by flame atomic absorption spectrometry after coprecipitation by cerium (IV) hydroxide. <i>Environmental Monitoring and Assessment</i> , 2008, 138, 167-172.	2.7	31
302	Carrier element-free coprecipitation (CEFC) method for separation and pre-concentration of some metal ions in natural water and soil samples. <i>Food and Chemical Toxicology</i> , 2010, 48, 1328-1333.	3.6	31
303	Magnetic Graphene Oxide as an Efficient Adsorbent for the Separation and Preconcentration of Cu(II), Pb(II), and Cd(II) from Environmental Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1544-1550.	1.5	31
304	Sensitive determination of Fluoxetine and Citalopram antidepressants in urine and wastewater samples by liquid chromatography coupled with photodiode array detector. <i>Journal of Chromatography A</i> , 2021, 1648, 462215.	3.7	31
305	A preconcentration procedure for copper, nickel and chromium ions in some food and environmental samples on modified Diaion SP-850. <i>Food and Chemical Toxicology</i> , 2010, 48, 482-489.	3.6	30
306	The Determination of Toxic Metals in some Traditional Cosmetic Products and Health Risk Assessment. <i>Biological Trace Element Research</i> , 2021, 199, 2272-2277.	3.5	30

#	ARTICLE	IF	CITATIONS
307	COBALT DETERMINATION IN NATURAL WATER AND TABLE SALT SAMPLES BY FLAME ATOMIC ABSORPTION SPECTROSCOPY/ON-LINE SOLID PHASE EXTRACTION COMBINATION. <i>Analytical Letters</i> , 2002, 35, 2363-2374.	1.8	29
308	Separation/Preconcentration of Copper, Lead, and Iron in Natural Water Samples on Chromosorb-105 Resin Prior to Flame Atomic Absorption Spectrometric Determinations. <i>Analytical Letters</i> , 2003, 36, 797-812.	1.8	29
309	Heavy Metal Contents of the Karasu Creek Sediments, Nigde, Turkey. <i>Environmental Monitoring and Assessment</i> , 2007, 128, 351-357.	2.7	29
310	Assessment of kinetics, thermodynamics and equilibrium parameters of Cr(VI) biosorption onto <i>Pinus brutia</i> Ten. <i>Canadian Journal of Chemical Engineering</i> , 2014, 92, 139-147.	1.7	29
311	Supramolecular microextraction of cobalt from water samples before its microsampling flame atomic absorption spectrometric detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 1311-1320.	3.3	29
312	Ultrasound-Assisted Ionic Liquid-Dispersive Liquid-Liquid of Curcumin in Food Samples Microextraction and Its Spectrophotometric Determination. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 217-221.	1.5	29
313	A new magnetized thermophilic bacteria to preconcentrate uranium and thorium from environmental samples through magnetic solid-phase extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113315.	2.8	29
314	Separation and Enrichment of Gallium(III) as 4-(2-Thiazolylazo) Resorcinol (TAR) Complex by Solid Phase Extraction on Amberlite XAD-4 Adsorption Resin. <i>Analytical Letters</i> , 2003, 36, 839-852.	1.8	28
315	XAD-4/PAN Solid Phase Extraction System for Atomic Absorption Spectrometric Determinations of Some Trace Metals in Environmental Samples. <i>Analytical Letters</i> , 2004, 37, 473-489.	1.8	28
316	Spectrophotometric Determination of Copper in Natural Waters and Pharmaceutical Samples with Chloro(Phenyl) Glyoxime. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 575-579.	1.4	28
317	Some trace elements in front and rear dorsal ordinary muscles of wild and farmed bluefin tuna (<i>Thunnus thynnus</i> L. 1758) in the Turkish part of the eastern Mediterranean Sea. <i>Food and Chemical Toxicology</i> , 2011, 49, 1006-1010.	3.6	28
318	Determination of some metal ions by flame-AAS after their preconcentration using sodium dodecyl sulfate coated alumina modified with 2-hydroxy-(3-((1-H-indol 3-yl)phenyl) methyl) 1-H-indol (2-HIYPMI). <i>Food and Chemical Toxicology</i> , 2011, 49, 1229-1234.	3.6	28
319	Cloud-Point Extraction of Rhodamine 6G by Using Triton X-100 as the Non-Ionic Surfactant. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 286-292.	1.5	28
320	Trace determination of vitamin B12 in food samples by using Fe ₃ O ₄ magnetic particles including multi-walled carbon nanotubes and nanodiamonds. <i>Analytical Methods</i> , 2019, 11, 5108-5117.	2.7	28
321	Preconcentration of trace amounts of tungsten on Amberlite XAD-7 for its spectrophotometric determination in hot spring water. <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 351, 308-310.	1.5	27
322	Solid phase extraction of iron and lead in environmental matrices on amberlite xad-1180/pv. <i>Quimica Nova</i> , 2006, 29, 203-207.	0.3	27
323	Carrier element-free coprecipitation with 3-phenyl-4-o-hydroxybenzylidenamino-4,5-dihydro-1,2,4-triazole-5-one for separation/preconcentration of Cr(III), Fe(III), Pb(II) and Zn(II) from aqueous solutions. <i>Journal of Hazardous Materials</i> , 2009, 167, 294-299.	12.4	27
324	Oxidized Multiwalled Carbon Nanotubes as Adsorbents for Kinetic and Equilibrium Study of Removal of 5-(4-Dimethyl Amino Benzylidene)Rhodanine. <i>Arabian Journal for Science and Engineering</i> , 2013, 38, 1691-1699.	1.1	27

#	ARTICLE	IF	CITATIONS
325	Room Temperature Ionic Liquid-Based Dispersive Liquid Phase Microextraction for the Separation/Preconcentration of Trace Cd ²⁺ as 1-(2-pyridylazo)-2-naphthol (PAN) Complex from Environmental and Biological Samples and Determined by FAAS. <i>Biological Trace Element Research</i> , 2013, 156, 49-55.	3.5	27
326	A green and efficient in-syringe ionic liquid-based single step microextraction procedure for preconcentration and determination of cadmium in water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 27, 149-152.	5.8	27
327	A new amine based microextraction of lead (II) in real water samples using flame atomic absorption spectrometry. <i>Microchemical Journal</i> , 2019, 148, 214-219.	4.5	27
328	Synthesis, biological properties, and acid dissociation constant of novel naphthoquinone-triazole hybrids. <i>Bioorganic Chemistry</i> , 2020, 105, 104441.	4.1	27
329	Application of magnetic nanomaterials in bioanalysis. <i>Talanta</i> , 2021, 229, 122285.	5.5	27
330	Room Temperature Ionic Liquid-based Microextraction for Pre-concentration of Cadmium and Copper from Biological Samples and Determination by FAAS. <i>Atomic Spectroscopy</i> , 2012, 33, 166-172.	1.2	27
331	Comparison of Sample Preparation Procedures for the Determination of Trace Heavy Metals in House Dust, Tobacco and Tea Samples by Atomic Absorption Spectrometry. <i>Annali Di Chimica</i> , 2004, 94, 867-873.	0.6	26
332	Determination of trace metals by atomic absorption spectrometry after coprecipitation with europium hydroxide. <i>Journal of Hazardous Materials</i> , 2006, 137, 1130-1134.	12.4	26
333	Combination of cloud point extraction and flame atomic absorption spectrometry for preconcentration and determination of trace iron in environmental and biological samples. <i>Open Chemistry</i> , 2008, 6, 488-496.	1.9	26
334	A Cloud Point Extraction Procedure for Preconcentration/Flame Atomic Absorption Spectrometric Determination of Silver, Zinc, and Lead at Subtrace Levels in Environmental Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 907-913.	1.5	26
335	Evaluation of Trace Metals in Tea Samples from Jeddah and Jazan, Saudi Arabia by Atomic Absorption Spectrometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 89, 1216-1219.	2.7	26
336	Determination of toxic and essential elements in sunflower honey from Thrace Region, Turkey. <i>International Journal of Food Science and Technology</i> , 2012, 47, 107-113.	2.7	26
337	Development of an extractive spectrophotometric method for uranium using MWCNTs as solid phase and arsenazo(III) as chromophore. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 296, 1239-1245.	1.5	26
338	Supramolecular solvent microextraction of gold prior to its determination by microsample injection system coupled with flame atomic absorption spectrometry. <i>RSC Advances</i> , 2014, 4, 47396-47401.	3.6	26
339	Separation and preconcentration of lead(II), cobalt(II), and nickel(II) on EDTA immobilized activated carbon cloth prior to flame atomic absorption spectrometric determination in environmental samples. <i>Turkish Journal of Chemistry</i> , 2015, 39, 1038-1049.	1.2	26
340	Spectrophotometric detection of rhodamine B in tap water, lipstick, rouge, and nail polish samples after supramolecular solvent microextraction. <i>Turkish Journal of Chemistry</i> , 2017, 41, 987-994.	1.2	26
341	A sensitive and selective deep eutectic solvent-based ultrasound-assisted liquid phase microextraction procedure for separation-preconcentration and determination of copper in olive oil and water samples. <i>Separation Science and Technology</i> , 2019, 54, 2431-2439.	2.5	26
342	Effect of antimonite mineralization area on heavy metal contents and geochemical fractions of agricultural soils in G1/4m1/4Yhane Province, Turkey. <i>Catena</i> , 2020, 184, 104255.	5.0	26

#	ARTICLE	IF	CITATIONS
343	Simple and sensitive determination of vitamin A and E in the milk and egg yolk samples by using dispersive solid phase extraction with newly synthesized polymeric material. <i>Journal of Food Composition and Analysis</i> , 2020, 90, 103482.	3.9	26
344	Determination of Aluminum at Trace Level in Water Samples by Visible Absorption Spectroscopy with a Laser Diode. <i>Analytical Sciences</i> , 1997, 13, 287-289.	1.6	25
345	Synthesis and characterization of \hat{I}^2 type solid solution in the binary system of Bi ₂ O ₃ -Eu ₂ O ₃ . <i>Bulletin of Materials Science</i> , 2002, 25, 583-588.	1.7	25
346	Heavy Metal Content of Potato and Corn Chips from Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 74, 1072-1077.	2.7	25
347	Silver nanoparticle loaded on activated carbon and activated carbon modified with 2-(4-isopropylbenzylideneamino)thiophenol (IPBATP) as new sorbents for trace metal ions enrichment. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 386-400.	3.3	25
348	Triethylenetetramine modified multiwalled carbon nanotubes for the efficient preconcentration of Pb(<i>ii</i>), Cu(<i>ii</i>), Ni(<i>ii</i>) and Cd(<i>ii</i>) before FAAS detection. <i>RSC Advances</i> , 2015, 5, 106905-106911.	3.6	25
349	Heavy metal mobility and potential availability in animal manure: using a sequential extraction procedure. <i>Journal of Material Cycles and Waste Management</i> , 2016, 18, 563-572.	3.0	25
350	A new strategy for the combination of supramolecular liquid phase microextraction and UV-Vis spectrophotometric determination for traces of maneb in food and water samples. <i>Food Chemistry</i> , 2021, 338, 128068.	8.2	25
351	Switchable-hydrophilicity solvent liquid-liquid microextraction prior to magnetic nanoparticle-based dispersive solid-phase microextraction for spectrophotometric determination of erythrosine in food and other samples. <i>Food Chemistry</i> , 2021, 348, 129053.	8.2	25
352	Gadolinium hydroxide coprecipitation system for the separation-preconcentration of some heavy metals. <i>Journal of Hazardous Materials</i> , 2008, 155, 595-600.	12.4	24
353	Factorial design for multivariate optimization of preconcentration system for spectrophotometric phosphorus determination. <i>Talanta</i> , 2009, 79, 1287-1291.	5.5	24
354	Sorbent extraction of 4-(2-thiazolylazo) resorcinol (TAR) metal chelates on Diaion SP-850 adsorption resin in order to preconcentration/separation. <i>Journal of Hazardous Materials</i> , 2010, 182, 704-709.	12.4	24
355	Solid-phase extraction of tartrazine on multiwalled carbon nanotubes for separation and enrichment. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 559-566.	1.2	24
356	Determination of Copper in Food and Water by Dispersive Liquid-Liquid Microextraction and Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2015, 48, 1738-1750.	1.8	24
357	A Comparative Study for Separation, Preconcentration and Determination of Tartrazine (E 102) in Soft Drink Samples by Two Kinds of Amberlite Resins. <i>Food Analytical Methods</i> , 2015, 8, 2141-2149.	2.6	24
358	The Efficient Photocatalytic Degradation of Methyl <i>t</i> -butyl Ether Under Pd/ZnO and Visible Light Irradiation. <i>Photochemistry and Photobiology</i> , 2015, 91, 265-271.	2.5	24
359	Fabrication and characterization of MgCo ₂ O ₄ for solid phase extraction of Pb(II) from environmental samples and its detection with high-resolution continuum source flame atomic absorption spectrometry (HR-CS-FAAS). <i>Microchemical Journal</i> , 2022, 178, 107329.	4.5	24
360	SOLID PHASE EXTRACTION OF SOME METAL IONS ON DIAION-20 RESIN PRIOR TO FLAME ATOMIC ABSORPTION SPECTROMETRIC ANALYSIS. <i>Instrumentation Science and Technology</i> , 2002, 20, 15-27.	0.8	23

#	ARTICLE	IF	CITATIONS
361	Assessment of trace metal levels in some moss and lichen samples collected from near the motorway in Turkey. <i>Journal of Hazardous Materials</i> , 2009, 166, 1344-1350.	12.4	23
362	Preconcentration and separation of trace amount of copper (II) on N1, N2-bis(4-fluorobenzylidene)ethane-1,2-diamine loaded on Sepabeads SP70. <i>Journal of Hazardous Materials</i> , 2009, 170, 169-174.	12.4	23
363	Use of Multiwalled Carbon Nanotube Disks for the SPE of Some Heavy Metals as 8-Hydroxquinoline Complexes. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 1297-1303.	1.5	23
364	Dispersive liquid-liquid microextraction of cadmium(II) for preconcentration prior to flame atomic absorption spectrometric detection in water. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 1480-1489.	1.2	23
365	Determination of Pb(II), Zn(II), Cd(II), and Co(II) ions by flame atomic absorption spectrometry in food and water samples after preconcentration by coprecipitation with Mo(VI)-diethyldithiocarbamate. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 1107-1115.	2.7	23
366	Spectrophotometric Detection of Rhodamine B after Separation-Enrichment by Using Multi-walled Carbon Nanotubes. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1459-1462.	1.5	23
367	Supramolecular solvent based liquid-liquid microextraction of aluminum from water and hair samples prior to UV-visible spectrophotometric detection. <i>RSC Advances</i> , 2015, 5, 62433-62438.	3.6	23
368	Investigation of the Influence of Selected Soil and Plant Properties from Sakarya, Turkey, on the Bioavailability of Trace Elements by Applying an In Vitro Digestion Model. <i>Biological Trace Element Research</i> , 2015, 168, 276-285.	3.5	23
369	Simultaneous extraction and preconcentration of Cu ²⁺ , Ni ²⁺ and Zn ²⁺ ions using Ag nanoparticle-loaded activated carbon: Response surface methodology. <i>Advanced Powder Technology</i> , 2016, 27, 426-435.	4.1	23
370	Separation, enrichment and spectrophotometric determination of erythrosine (E127) in drug, cosmetic and food samples by heat-induced homogeneous liquid-liquid microextraction method. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 1135-1147.	3.3	23
371	Supramolecular solvent-based liquid phase microextraction of malachite green at trace level from water samples for its UV-vis spectrophotometric detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 595-605.	3.3	23
372	Preconcentrations of Ni(II) and Pb(II) from water and food samples by solid-phase extraction using Pleurotus ostreatus immobilized iron oxide nanoparticles. <i>Food Chemistry</i> , 2021, 336, 127675.	8.2	23
373	Electrocatalytic evaluation of graphene oxide warped tetragonal t-lanthanum vanadate (GO@LaVO ₄) nanocomposites for the voltammetric detection of antifungal and antiprotozoal drug (clioquinol). <i>Mikrochimica Acta</i> , 2021, 188, 102.	5.0	23
374	Supramolecular solvent microextraction and ultra-performance liquid chromatography-tandem mass spectrometry combination for the preconcentration and determination of malathion in environmental samples. , 0, 144, 166-171.		23
375	Spectrophotometric determination of samarium(III) with chrome azurol S in the presence of cetylpyridinium chloride. <i>Talanta</i> , 2000, 53, 125-129.	5.5	22
376	Separation/Preconcentration of Xylenol Orange Metal Complexes on Amberlite XAD-16 Column for Their Determination by Flame Atomic Absorption Spectrometry. <i>Instrumentation Science and Technology</i> , 2003, 21, 455-466.	0.8	22
377	Column Solid Phase Extraction of Copper, Iron, and Zinc Ions at Trace Levels in Environmental Samples on Amberlite XAD-7 for Their Flame Atomic Absorption Spectrometric Determinations. <i>Analytical Letters</i> , 2004, 37, 1185-1201.	1.8	22
378	A Novel Method for Speciation of Chromium: Coprecipitation Without Carrier Element by Using a Triazole Derivative. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 257-262.	1.5	22

#	ARTICLE	IF	CITATIONS
379	Simultaneous Enrichment-Separation of Metal Ions from Environmental Samples by Solid-Phase Extraction Using Double-Walled Carbon Nanotubes. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 1219-1224.	1.5	22
380	Speciation of Chromium after Coprecipitation with Cu-Violuric Acid and Determination by Flame Atomic Absorption Spectrometry. <i>Current Analytical Chemistry</i> , 2012, 8, 358-364.	1.2	22
381	Determination of Copper, Cobalt, Lead, and Iron in Table Salt by FAAS After Separation Using Violuric Acid and Multiwalled Carbon Nanotubes. <i>Food Analytical Methods</i> , 2012, 5, 1003-1009.	2.6	22
382	Dispersive liquid-liquid microextraction-spectrophotometry combination for determination of rhodamine B in food, water, and environmental samples. <i>Desalination and Water Treatment</i> , 2015, 55, 2103-2108.	1.0	22
383	Speciation of Chromium in Natural Waters, Tea, and Soil with Membrane Filtration Flame Atomic Absorption Spectrometry. <i>Analytical Letters</i> , 2015, 48, 2258-2271.	1.8	22
384	Multivariate statistical design optimization for ultrasonic-assisted restricted access supramolecular solvent-based liquid phase microextraction of quercetin in food samples. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2521-2528.	2.2	22
385	Facile and green solvothermal synthesis of palladium nanoparticle-nanodiamond-graphene oxide material with improved bifunctional catalytic properties. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 2503-2512.	2.2	22
386	Boletus edulis loaded with Fe_3O_4 nanoparticles as a magnetic sorbent for preconcentration of Co(II) and Sn(II) prior to their determination by ICP-OES. <i>Mikrochimica Acta</i> , 2018, 185, 73.	5.0	22
387	Vortex-assisted magnetic solid phase extraction of Cd(II), Cu(II) and Pb(II) on the Nitroso-R salt impregnated magnetic Ambersorb 563 for their separation, preconcentration and determination by FAAS. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 799-810.	3.3	22
388	A magnetized fungal solid-phase extractor for the preconcentrations of uranium(VI) and thorium(IV) before their quantitation by ICP-OES. <i>Mikrochimica Acta</i> , 2019, 186, 355.	5.0	22
389	Fractionation, Source Identification and Risk Assessments for Heavy Metals in Soils near a Small-Scale Industrial Area (Ağaçkale-Turkey). <i>Soil and Sediment Contamination</i> , 2019, 28, 213-227.	1.9	22
390	Geochemical fractions of trace metals in surface and core sections of aggregates in agricultural soils. <i>Catena</i> , 2021, 197, 104995.	5.0	22
391	Polyethersulfone membranes modified with CZTS nanoparticles for protein and dye separation: Improvement of antifouling and self-cleaning performance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126230.	4.7	22
392	Equilibrium and thermodynamic studies of stearic acid adsorption on Celtek clay. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 485-494.	0.8	22
393	Trace metal levels in lichen samples from roadsides in East Black Sea region, Turkey. <i>Biomedical and Environmental Sciences</i> , 2007, 20, 203-7.	0.2	22
394	Trace metal levels and some chemical parameters in herby cheese collected from south eastern Anatolia-Turkey. <i>Environmental Monitoring and Assessment</i> , 2008, 139, 27-33.	2.7	21
395	Assessment of water quality parameters in the stream Galyan, Trabzon, Turkey. <i>Environmental Monitoring and Assessment</i> , 2010, 165, 1-13.	2.7	21
396	Assessment of trace metal concentrations in muscle tissue of certain commercially available fish species from Kayseri, Turkey. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4619-4628.	2.7	21

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397	Resistance, bioaccumulation and solid phase extraction of uranium (VI) by <i>Bacillus vallismortis</i> and its UVâ€“vis spectrophotometric determination. <i>Journal of Environmental Radioactivity</i> , 2017, 171, 217-225.	1.7	21
398	Tolerance and bioaccumulation of U(VI) by <i>Bacillus mojavensis</i> and its solid phase preconcentration by <i>Bacillus mojavensis</i> immobilized multiwalled carbon nanotube. <i>Journal of Environmental Management</i> , 2017, 187, 490-496.	7.8	21
399	Ultrasound-assisted magnetic solid phase microextraction of patent blue V on magnetic multiwalled carbon nanotubes prior to its spectrophotometric determination. <i>Microchemical Journal</i> , 2020, 159, 105468.	4.5	21
400	Nano-clay as a solid phase microextractor of copper, cadmium and lead for ultra-trace quantification by ICP-MS. <i>Analytical Methods</i> , 2020, 12, 4949-4955.	2.7	21
401	A green and simple liquid-phase microextraction based on deep eutectic solvent for the erythrosine prior to its UVâ€“VIS spectrophotometric detection. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 2675-2681.	2.2	21
402	Ionic Liquid-based Method for Microextraction-Enrichment of Gold from Real Samples and Determination by Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2013, 34, 15-19.	1.2	21
403	A reusable and sensitive electrochemical sensor for determination of Allura red in the presence of Tartrazine based on functionalized nanodiamond@SiO ₂ @TiO ₂ ; an electrochemical and molecular docking investigation. <i>Food and Chemical Toxicology</i> , 2022, 164, 113080.	3.6	21
404	Deep eutectic solvent (DES) based dispersive Liquid-Phase microextraction of Sunset yellow FCF in food and pharmaceutical products. <i>Microchemical Journal</i> , 2022, 181, 107734.	4.5	21
405	DETERMINATION OF Cu, Fe, Ni, Co, Pb, Cd, Mn, AND Cr IN NATURAL WATER SAMPLES AFTER SOLID PHASE EXTRACTION ON CHROMOSORB 102. <i>Analytical Letters</i> , 2002, 35, 2603-2616.	1.8	20
406	Heavy Metal Content of Hard Biscuits Produced in Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 73, 264-9.	2.7	20
407	Speciation of Cr(III) and Cr(VI) in Environmental Samples after Solid Phase Extraction on Amberlite XADâ€“2000. <i>Journal of the Chinese Chemical Society</i> , 2007, 54, 625-634.	1.4	20
408	Sorbent Extraction of Pb(II), Cu(II), Ni(II), and Fe(III) Ions as 2-(5-Bromo-2-Pyridylazo)-5-Diethylamino-Phenol Chelates on Single-Walled Carbon Nanotube Disks Prior to Their Flame Atomic Absorption Spectrometric Determinations in Animal Feeds and Natural Water Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1205-1210.	1.5	20
409	Ionic Liquid-Based Ultrasound-Assisted Emulsification Microextraction of Cadmium in Biological Samples: Optimization by a Multivariate Approach. <i>Analytical Letters</i> , 2015, 48, 1751-1766.	1.8	20
410	Spectrophotometric determination of carmoisine after cloud point extraction using Triton X-114. <i>Turkish Journal of Chemistry</i> , 2017, 41, 256-262.	1.2	20
411	Synthesis and characterization of Pd nanoparticle-modified magnetic Sm ₂ O ₃ â€“ZrO ₂ as effective multifunctional catalyst for reduction of 2-nitrophenol and degradation of organic dyes. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1721-1731.	2.2	20
412	Preconcentrations of Ni(II) and Co(II) by using immobilized thermophilic <i>Geobacillus stearothermophilus</i> SO-20 before ICP-OES determinations. <i>Food Chemistry</i> , 2018, 266, 126-132.	8.2	20
413	Application of magnetized fungal solid phase extractor with Fe ₂ O ₃ nanoparticle for determination and preconcentration of Co(II) and Hg(II) from natural water samples. <i>Microchemical Journal</i> , 2018, 143, 198-204.	4.5	20
414	Deep Eutectic Solvent-Based Microextraction of Lead(II) Traces from Water and Aqueous Extracts before FAAS Measurements. <i>Molecules</i> , 2020, 25, 4794.	3.8	20

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415	Flame Atomic Absorption Spectrometric Determination of Cu(II), Co(II), Cd(II), Fe(III) and Mn(II) in Ammonium Salts and Industrial Fertilizers after Preconcentration/Separation on Diaion HP-20. <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 197-206.	3.3	19
416	Determination of Trace Elements of Some Textiles by Atomic Absorption Spectrometry. <i>Instrumentation Science and Technology</i> , 2003, 21, 389-396.	0.8	19
417	Heavy Metals in Lichens from Roadsides and an Industrial Zone in Trabzon, Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 74, 190-194.	2.7	19
418	Trace Metal Content of Snacks and Appetizers Consumed in Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 76, 436-441.	2.7	19
419	Development of a flotation method for preconcentration-separation of trace amounts of some metal ions in plant tissues prior to their FAAS determinations. <i>Quimica Nova</i> , 2010, 33, 404-410.	0.3	19
420	Selective preconcentration of thallium species as chloro and iodo complexes on Chromosorb 105 resin prior to electrothermal atomic absorption spectrometry. <i>Talanta</i> , 2011, 85, 1974-1979.	5.5	19
421	Double-walled carbon nanotubes as a solid phase extractor for separation-preconcentration of traces of gold from geological and water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 440-447.	3.3	19
422	Determination of Some Trace Elements in Food and Soil Samples by Atomic Absorption Spectrometry After Coprecipitation with Holmium Hydroxide. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 892-896.	1.5	19
423	Amberlite XAD-7 resin impregnated with 2-(1-(4-chlorophenyl)-4,5-diphenyl-1H-imidazol-2-yl)-4-nitrophenol for enrichment of metal ions. <i>Journal of Saudi Chemical Society</i> , 2014, 18, 674-680.	5.2	19
424	Supramolecular solvent-based microextraction method for cobalt traces in food samples with optimization Plackett-Burman and central composite experimental design. <i>RSC Advances</i> , 2015, 5, 94879-94886.	3.6	19
425	Combination of Syringe-Solid Phase Extraction with Inductively Coupled Plasma Mass Spectrometry for Efficient Heavy Metals Detection. <i>Clean - Soil, Air, Water</i> , 2016, 44, 720-727.	1.1	19
426	A green ultrasonic-assisted liquid-liquid microextraction technique based on deep eutectic solvents for flame atomic absorption spectrometer determination of trace level of lead in tobacco and food samples. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 687-694.	2.2	19
427	Fabrication and characterization of SiO ₂ @Fe ₃ O ₄ @nanodiamonds for vortex-assisted magnetic solid-phase extraction of lead in cigarette samples prior to FAAS detection. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 1627-1634.	2.2	19
428	Highly selective simultaneous electrochemical detection of trace level of heavy metals in water samples based on the single-crystalline Co ₃ O ₄ nanocubes modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2021, 887, 115159.	3.8	19
429	Metal Organic Framework-Based Dispersive Solid-Phase Microextraction of Carbaryl from Food and Water Prior to Detection by Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Separations</i> , 2022, 9, 32.	2.4	19
430	Application of Total Reflection X-Ray Fluorescence Spectrometry in the Textile Industry. <i>Mikrochimica Acta</i> , 2002, 138, 77-82.	5.0	18
431	Preconcentration and Determination of Zinc and Lead Ions by a Combination of Cloud Point Extraction and Flame Atomic Absorption Spectrometry. <i>Clean - Soil, Air, Water</i> , 2009, 37, 328-333.	1.1	18
432	Dispersive liquid-liquid microextraction of lead(II) as 5-(4-dimethylaminobenzylidene) rhodanine chelates from food and water samples. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 9.	2.7	18

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433	Determination of Cadmium and Lead in Water and Food by Organic Drop Microextraction and Flame Atomic Absorption Spectrometry. <i>Instrumentation Science and Technology</i> , 2015, 43, 573-587.	1.8	18
434	Ultrasonic-assisted supramolecular solvent-based liquid phase microextraction of mercury as 1-(2-pyridylazo)-2-naphthol complexes from water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 1356-1366.	3.3	18
435	A Simple Vortex-Assisted Dispersive Liquid-Liquid Microextraction System for Copper(II) to Preconcentration and Separation from Natural Water and Table Salt Samples. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 175-181.	3.0	18
436	Switchable solvent based liquid phase microextraction of palladium coupled with determination by flame atomic absorption spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 1315-1327.	3.3	18
437	Usage of deep eutectic solvents for the digestion and ultrasound-assisted liquid phase microextraction of copper in liver samples. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 2307-2314.	2.2	18
438	A selective and sensitive procedure for magnetic solid-phase microextraction of lead(II) on magnetic cellulose nanoparticles from environmental samples prior to its flame atomic absorption spectrometric detection. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 1005-1013.	2.2	18
439	New Trend in the Extraction of Pesticides from the Environmental and Food Samples Applying Microextraction Based Green Chemistry Scenario: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1343-1369.	3.5	18
440	Ultrasound-assisted deep eutectic solvent microextraction procedure for traces Ponceau 4R in water and cosmetic samples. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 189-196.	3.5	18
441	The Investigation of Trace Heavy Metal Concentrations in the Street Dust Samples Collected from Kayseri, Turkey. <i>Instrumentation Science and Technology</i> , 2003, 21, 713-720.	0.8	17
442	Synthesis and properties of $\text{Bi(III)}_2\text{Dy(II)}_2\text{O}_3$ solid solution. <i>Journal of Materials Science</i> , 2005, 40, 2951-2957.	3.7	17
443	Solid-phase extraction of heavy metal ions on bucky tubes disc in natural water and herbal plant samples. <i>Environmental Monitoring and Assessment</i> , 2011, 181, 577-586.	2.7	17
444	Cadmium and nickel determinations in some food and water samples by the combination of carrier element-free coprecipitation and flame atomic absorption spectrometry. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 737-746.	1.2	17
445	Speciation of chromium by the combination of dispersive liquid-liquid microextraction and microsample injection flame atomic absorption spectrometry. <i>Turkish Journal of Chemistry</i> , 2014, 38, 173-181.	1.2	17
446	Multiwalled carbon nanotube impregnated with bis(5-bromosalicylidene)-1,3-propanediamine for enrichment of Pb^{2+} ion. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 638-643.	5.8	17
447	Fe_3O_4 nanoparticles and ultrasound assisted dispersive liquid-liquid microextraction of lead for its microsampling flame atomic absorption spectrometric determination in food and environmental samples. <i>RSC Advances</i> , 2014, 4, 55610-55614.	3.6	17
448	Spectrophotometric determination of uranium using chromotrope 2R complexes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 263-268.	1.5	17
449	Combination of dispersive liquid-liquid microextraction and multivariate optimization for separation-enrichment of traces lead by flame atomic absorption spectrometry. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 37, 306-311.	5.8	17
450	Multi-element determination in some foods and beverages using silica gel modified with 1-phenylthiosemicarbazide. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 1667-1676.	2.3	17

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451	Review: Microextraction Technique Based New Trends in Food Analysis. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 968-999.	3.5	17
452	Magnetic Solid Phase Extraction of Trace Lead and Copper on Chromotrope FB Impregnated Magnetic Multiwalled Carbon Nanotubes From Cigarette and Hair Samples for Measurement by Flame AAS. <i>Atomic Spectroscopy</i> , 2017, 38, 57-61.	1.2	17
453	Dual-response electrochemical electrode for sensitive monitoring of topotecan and mitomycin as anticancer drugs in real samples. <i>Chemosphere</i> , 2022, 291, 132809.	8.2	17
454	The Enrichment/Separation of Fe, Co, Pb, Cd, and Cr on Ambersorb 563 Prior to Their Flame Atomic Absorption Spectrometric Determinations. <i>Journal of Analytical Chemistry</i> , 2003, 58, 1127-1131.	0.9	16
455	Cadmium and Lead Contamination in Tap Water Samples From Tokat, Turkey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 284-289.	2.7	16
456	Selective Preconcentration/Separation of Copper(II), Iron(III), and Lead(II) as Their N-Benzoyl-N,N-Diisobutylthiourea Chelates on Amberlite XAD-16 Resin. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 720-724.	1.5	16
457	Evaluation of trace element contents of some herbal plants and spices retailed in Kayseri, Turkey. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3455-3461.	2.7	16
458	Amberlite IR-120 Modified with 8-Hydroxyquinoline as Efficient Adsorbent for Solid-Phase Extraction and Flame Atomic Absorption Determination of Trace Amounts of Some Metal Ions. <i>Biological Trace Element Research</i> , 2012, 145, 240-247.	3.5	16
459	Separation and preconcentration of Cu , Cd , Pb and Ni in various water and food samples on $Sepabeads SP$ 207. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1201-1207.	2.7	16
460	Heavy metal contents of organically produced, harvested, and dried fruit samples from Kayseri, Turkey. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2577-2583.	2.7	16
461	Separation and pre-concentration of palladium(II) from environmental and industrial samples by formation of a derivative of 1,2,4-triazole complex on Amberlite XAD-2010 resin. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1484-1499.	3.3	16
462	Modification of platinum nanoparticles loaded on activated carbon and activated carbon with a new chelating agent for solid phase extraction of some metal ions. <i>Journal of Molecular Liquids</i> , 2016, 221, 748-754.	4.9	16
463	Multi-Element Preconcentration/Separation of Some Metal Ions in Environmental Samples by Using Co-precipitation. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 273-278.	1.5	16
464	Solid phase extraction of uranium(VI) on phosphorus-containing polymer grafted 4-aminoantipyrine. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 955-963.	1.5	16
465	Innovative, simple and green ultrasound assisted-enzyme based hydrolytic microextraction method for manganese at trace levels in food samples. <i>Talanta</i> , 2017, 174, 605-609.	5.5	16
466	Development of an ultrasonic-assisted restricted access supramolecular solvent-based liquid phase microextraction (UA-RAS-LPME) method for separation-preconcentration and UV-VIS spectrophotometric detection of curcumin. <i>Separation Science and Technology</i> , 2018, 53, 2612-2621.	2.5	16
467	Vortex assisted solid-phase extraction of lead(II) using orthorhombic nanosized Bi_2WO_6 as a sorbent. <i>Mikrochimica Acta</i> , 2018, 185, 34.	5.0	16
468	A hybrid material composed of multiwalled carbon nanotubes and $MoSe_2$ nanorods as a sorbent for ultrasound-assisted solid-phase extraction of lead(II) and copper(II). <i>Mikrochimica Acta</i> , 2019, 186, 666.	5.0	16

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469	Fe ₃ O ₄ @SiO ₂ @ <i>Bacillus pumilis</i> : magnetised solid phase bio-extractor for preconcentration of Pb(II) and Cu(II) from water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 1112-1122.	3.3	16
470	DETERMINATION OF SOME TRACE ELEMENTS IN MINERAL SPRING WATERS BY TOTAL REFLECTION X-RAY FLUORESCENCE SPECTROMETRY (TXRF). <i>Instrumentation Science and Technology</i> , 2002, 20, 261-268.	0.8	15
471	solid phase for enrichment and determination of copper, nickel, chromium, and zinc ions in soil, plants, and mint water samples. <i>Environmental Monitoring and Assessment</i> , 2011, 174, 171-186.	2.7	15
472	Development of a dispersive liquid-liquid microextraction combined with flame atomic absorption spectrometry using a microinjection system for the enrichment, separation, and determination of nickel in water samples. <i>Desalination and Water Treatment</i> , 2013, 51, 6770-6776.	1.0	15
473	Sea Sponge as a Low Cost Biosorbent for Solid Phase Extraction of Some Heavy Metal Ions and Determination by Flame Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1689-1695.	1.5	15
474	Ultrasonic supramolecular microextraction of nickel (II) as N,N'-Dihydroxy-1,2-cyclohexanedimine chelates from water, tobacco and fertilizer samples before FAAS determination. <i>Journal of Molecular Liquids</i> , 2016, 221, 773-777.	4.9	15
475	Magnetic solid-phase extraction of quercetin on magnetic-activated carbon cloth (MACC). <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 1365-1372.	2.2	15
476	Development of combined-supramolecular microextraction with ultra-performance liquid chromatography-tandem mass spectrometry procedures for ultra-trace analysis of carbaryl in water, fruits and vegetables. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1491-1501.	3.3	15
477	Ultrasound-assisted Supramolecular Microextraction of Copper in Water, Food, Hair, and Tobacco Samples Prior to Microsampling Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2018, 39, 106-111.	1.2	15
478	Ultrasonic-assisted Supramolecular Solvent Liquid-liquid Microextraction for Inorganic Chromium Speciation in Water Samples and Determination by UV-Vis Spectrophotometry. <i>Atomic Spectroscopy</i> , 2020, 41, 43-50.	1.2	15
479	Determination of propineb in vegetable samples after a coprecipitation strategy for its separation-preconcentration prior to its indirect determination by FAAS. <i>Food Chemistry</i> , 2022, 388, 133002.	8.2	15
480	Membrane Filtration of Nickel(II) on Cellulose Acetate Filters for Its Preconcentration, Separation, and Flame Atomic Absorption Spectrometric Determination. <i>Clean - Soil, Air, Water</i> , 2010, 38, 91-95.	1.1	14
481	Determination of Some Heavy Metals by Flame Atomic Absorption Spectrometry Before Coprecipitation with Neodymium Hydroxide. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 978-984.	1.5	14
482	Solid-Phase Extraction of Some Heavy Metal Ions on a Double-Walled Carbon Nanotube Disk and Determination by Flame Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 1617-1624.	1.5	14
483	Enrichment of Copper as 1-(2-Pyridylazo)-2-Naphthol Complex by the Combination of Dispersive Liquid-Liquid Microextraction/Flame Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 205-210.	1.5	14
484	Pain-relieving effects of pulsed magnetic fields in a rat model of carrageenan-induced hindpaw inflammation. <i>International Journal of Radiation Biology</i> , 2014, 90, 95-103.	1.8	14
485	A novel carrier element-free coprecipitation method for separation/preconcentration of lead and cadmium ions from environmental matrices. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 1709-1715.	2.3	14
486	A sensitive method for the determination of gold and palladium based on dispersive liquid-liquid microextraction combined with flame atomic absorption spectrometric determination using N-(6-morpholin-4-ylpyridin-3-yl)-N-phenylthiourea. <i>RSC Advances</i> , 2016, 6, 6896-6904.	3.6	14

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487	Supramolecular solvent-based microextraction of Sudan Orange G at trace levels for its separation, preconcentration and spectrophotometric determination. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 935-944.	3.3	14
488	Thiomalic acid/ferric chloride-based deep eutectic solvent for microextraction of chromium in natural water samples prior to FAAS analysis. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1825-1833.	3.3	14
489	Magnetic Dispersive Solid Phase Extraction of Cu (II) as 1- (2-pyridylazo)-2-naphthol Chelates on Fe ₃ O ₄ @XAD-16. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 1971-1980.	1.5	14
490	Switchable-hydrophilicity solvent liquid-liquid microextraction for sample cleanup prior to dispersive magnetic solid-phase microextraction for spectrophotometric determination of quercetin in food samples. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 22, 100480.	3.3	14
491	Solid Phase Extraction of Thorium on Multiwalled Carbon Nanotubes Prior to UV-Vis Spectrophotometric Determination in Ore Samples. <i>Atomic Spectroscopy</i> , 2014, 35, 270-274.	1.2	14
492	Ultrasound assisted deep eutectic solvent based liquid phase microextraction for the preconcentration and spectrophotometric determination of amaranth (E123) in water and food samples. <i>Instrumentation Science and Technology</i> , 2022, 50, 203-218.	1.8	14
493	Preconcentrations of Cu (II) and Mn (II) by magnetic solid-phase extraction on Bacillus cereus loaded γ -Fe ₂ O ₃ nanomaterials. <i>Environmental Research</i> , 2022, 209, 112766.	7.5	14
494	Metal-Organic Framework Based Electrochemical Immunosensor for Label-Free Detection of Glial Fibrillary Acidic Protein as a Biomarker. <i>Industrial & Engineering Chemistry Research</i> , 2023, 62, 4532-4539.	3.7	14
495	Sorbent extraction of rubeanic acid-metal chelates on a new adsorbent: Sepabeads SP70. <i>Journal of Hazardous Materials</i> , 2006, 138, 195-200.	12.4	13
496	Determination of Cu, Fe, and Ni in Spices after Preconcentration on Diaion HP 20 Resin as Their Zincon Complexes. <i>Clean - Soil, Air, Water</i> , 2011, 39, 502-507.	1.1	13
497	Vortex Assisted Liquid-Liquid Microextraction Using Triton X-114 for Ultratrace Cadmium Prior to Analysis. <i>Clean - Soil, Air, Water</i> , 2014, 42, 1083-1088.	1.1	13
498	Enrichment-separation and determinations of cadmium(II) and lead(II)-1-phenyl-1H-tetrazole-5-thiol chelates on Diaion SP-207 by solid phase extraction-flame atomic absorption spectrometry. <i>Arabian Journal of Chemistry</i> , 2015, 8, 720-725.	4.9	13
499	Supramolecular solvent microextraction of Sudan blue II in environmental samples prior to its spectrophotometric determination. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 568-575.	3.3	13
500	A new green microextraction method for traces Brown HT (E155) by using deep eutectic solvents prior to its spectrophotometric determination. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-11.	3.3	13
501	Comparison of Cd(II) preconcentrations by using magnetized <i>Pleurotus eryngii</i> and <i>Coprinus micaceus</i> and its determination in real samples. <i>Microchemical Journal</i> , 2019, 144, 19-25.	4.5	13
502	Trace analysis of quercetin in tea samples by HPLC-DAD system by means of a new nanocomposite including magnetic core-shell. <i>Separation Science and Technology</i> , 2020, 55, 2025-2036.	2.5	13
503	<i>Phallus impudicus</i> loaded with γ -Fe ₂ O ₃ as solid phase bioextractor for the preconcentrations of Zn(II) and Cr(III) from water and food samples. <i>Process Biochemistry</i> , 2020, 92, 149-155.	3.7	13
504	Determination of Traces of Iron and Lead in Food and Water Samples After Preconcentration on Multiwalled Carbon Nanotubes. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1183-1188.	1.5	12

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505	A pipette tip multiwalled-carbon nanotube solid-phase extraction of lead in water and hair samples: application of the statistical Taguchi method to optimise the experimental variables. <i>International Journal of Environmental Analytical Chemistry</i> , 2014, 94, 1435-1444.	3.3	12
506	Separation and Preconcentration of Sudan Blue II Using Membrane Filtration and UV-Visible Spectrophotometric Determination in River Water and Industrial Wastewater Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 213-217.	1.5	12
507	Preconcentration and separation of germanium at ultra trace levels on polysulfone membrane filter and its determination by spectrophotometry. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 24, 322-325.	5.8	12
508	Optimization of covalent immobilization of <i>Trichoderma reesei</i> cellulase onto modified ReliZyme HA403 and Sepabeads EC-EP supports for cellulose hydrolysis, in buffer and ionic liquids/buffer media. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1276-1284.	2.8	12
509	Heavy metal contents of play dough, face and finger paint samples sold in Turkish markets. <i>Talanta</i> , 2017, 170, 377-383.	5.5	12
510	Trace elements in blood samples of smoker and nonsmoker active pulmonary tuberculosis patients from Jamshoro, Pakistan. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26513-26520.	5.3	12
511	Supramolecular solvent microextraction of uranium at trace levels from water and soil samples. <i>Turkish Journal of Chemistry</i> , 2017, 41, 61-69.	1.2	12
512	Spectrophotometric determination of traces of allura red in environmental samples after a deep eutectic solvent-based microextraction. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 1520-1530.	3.3	12
513	Silica Gel-immobilized 5-aminoisophthalohydrazide: A novel sorbent for solid phase extraction of Cu, Zn and Pb from natural water samples. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5481.	3.5	12
514	Advanced Methodologies for Trace Elements in Edible Oil Samples: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2022, 52, 1572-1582.	3.5	12
515	Simultaneous preconcentrations of Cu(II), Ni(II), and Pb(II) by SPE using <i>E. profundum</i> loaded onto Amberlite XAD-4. <i>Microchemical Journal</i> , 2021, 171, 106758.	4.5	12
516	Membrane Filtration of Lead, Cobalt, and Nickel in Water and Fertilizer Samples for Enrichment/Separation and Flame Atomic Absorption Spectrometric Determination. <i>Atomic Spectroscopy</i> , 2014, 35, 163-167.	1.2	12
517	Magnetic Solid Phase Extraction of Lead, Cadmium, and Cobalt on Magnetic Carboxyl-Modified Nanodiamonds (MCNDs) from Natural Water Samples and Their Determination by Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2018, 39, 81-89.	1.2	12
518	Solid Phase Extraction and Spectrophotometric Determination of Trace Amounts of Thiocyanate in Real Samples. <i>Annali Di Chimica</i> , 2006, 96, 689-696.	0.6	11
519	Trace metal concentrations in cigarette brands commonly available in Turkey: relation with human health. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 1893-1901.	1.2	11
520	Speciation of Cr(III) and Cr(VI) in environmental samples by using coprecipitation with praseodymium(III) hydroxide and determination by flame atomic absorption spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 263-267.	2.2	11
521	A simple ligandless microextraction method based on ionic liquid for the determination of trace cadmium in water and biological samples. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1069-1079.	1.2	11
522	A Dispersive Liquid - Liquid Microextraction Methodology for Copper(II) in Environmental Samples Prior to Determination Using Microsample Injection Flame Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 1425-1429.	1.5	11

#	ARTICLE	IF	CITATIONS
523	Diaion HP-2MG modified with 2-(2,6-dichlorobenzylideneamino) benzenethiol as new adsorbent for solid phase extraction and flame atomic absorption spectrometric determination of metal ions. <i>Human and Experimental Toxicology</i> , 2013, 32, 371-378.	2.2	11
524	Selective separation, preconcentration and determination of Pd(II) ions in environmental samples by coprecipitation with a 1,2,4-triazole derivative. <i>Bulletin of the Chemical Society of Ethiopia</i> , 2015, 29, 1.	1.1	11
525	Solid-phase extraction of iridium from soil and water samples by using activated carbon cloth prior to its spectrophotometric determination. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 501.	2.7	11
526	A green, novel and simple microprecipitation technique for separation and preconcentration of cadmium with 1-(2-thiazolylazo)-2-naphthol in food samples and determination by microsampling flame atomic absorption spectrometry. <i>Analytical Methods</i> , 2016, 8, 3545-3549.	2.7	11
527	Solid-phase extraction of some food dyes on sea sponge column and determination by UV-vis spectrophotometer. <i>Desalination and Water Treatment</i> , 2016, 57, 25822-25829.	1.0	11
528	Magnetic solid-phase extraction based on <i>Coriolus versicolor</i> -immobilized-Fe ₂ O ₃ nanoparticles for preconcentration and determination of Al(III) in water and food samples. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1217-1228.	1.2	11
529	Micelle-based restricted access ion-pair microextraction of phosphate at trace levels in water samples for separation, preconcentration and determination. <i>The EuroBiotech Journal</i> , 2020, 4, 89-96.	1.0	11
530	Evaluation of Metal Concentrations in Food Packaging Materials: Relation to Human Health. <i>Atomic Spectroscopy</i> , 2013, 34, 99-103.	1.2	11
531	1-nitroso-2-naphthol impregnated multiwalled carbon nanotubes (NNMWCNTs) for the separation-enrichment and flame atomic absorption spectrometric detection of copper and lead in hair, water, and food samples. , 0, 87, 285-291.		11
532	Application of the solid-phase extraction procedure on chromatographic mini column filled with Diaion HP-20 for determination of copper, cobalt, cadmium, iron and manganese in textile products and textile wastewaters. <i>Trace Elements and Electrolytes</i> , 2003, 20, 16-22.	0.1	11
533	Monitoring copper, nickel, cobalt, lead, cadmium, manganese and chromium levels in house dust samples from Kayseri, Turkey. <i>Trace Elements and Electrolytes</i> , 2004, 21, 4-9.	0.1	11
534	Investigation of Trace Elements in Vegan Foods by ICP-MS After Microwave Digestion. <i>Biological Trace Element Research</i> , 2022, 200, 5298-5306.	3.5	11
535	Electrical Conductivity of Chloro(phenyl)glyoxime and Its Co(II), Ni(II) and Cu(II) Complexes. <i>Collection of Czechoslovak Chemical Communications</i> , 2003, 68, 1233-1242.	1.0	10
536	Spectrophotometric Determination of Gold (III) after Liquid-Liquid Extraction and Selective Preconcentration with a Novel Dibenzo-18-Crown-6 Derivative. <i>Geostandards and Geoanalytical Research</i> , 2011, 35, 471-483.	3.1	10
537	Acetohydrazide Derivative for Selective Separation and Preconcentration of Cu(II) Ions by Coprecipitation Method Without Using a Carrier Element. <i>Spectroscopy Letters</i> , 2012, 45, 330-336.	1.0	10
538	The Solid Phase Extraction of Some Metal Ions Using Palladium Nanoparticles Attached to Silica Gel Chemically Bonded by Silica-Bonded N-Propylmorpholine as New Sorbent prior to Their Determination by Flame Atomic Absorption Spectroscopy. <i>Scientific World Journal</i> , The, 2012, 2012, 1-9.	2.1	10
539	Combination of flotation and flame atomic absorption spectrometry for determination, preconcentration and separation of trace amounts of metal ions in biological samples. <i>Human and Experimental Toxicology</i> , 2013, 32, 504-512.	2.2	10
540	Sequential Extraction Procedure for the Determination of Some Trace Elements in Fertilizer Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1034-1038.	1.5	10

#	ARTICLE	IF	CITATIONS
541	A New Coprecipitation Methodology with Lutetium Hydroxide for Preconcentration of Heavy Metal Ions in Herbal Plant Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1189-1194.	1.5	10
542	Lead preconcentration as rac-(E,E)-N,N'-bis(2-chlorobenzylidene)cyclohexane-1,2-diamine complexes from water and tobacco samples by dispersive liquid-liquid microextraction. <i>Journal of Analytical Chemistry</i> , 2015, 70, 691-695.	0.9	10
543	Flame Atomic Absorption Spectrometric Determination of Gold After Solid-Phase Extraction of Its 2-Aminobenzothiazole Complex on Diaion SP-207. <i>Journal of AOAC INTERNATIONAL</i> , 2016, 99, 534-538.	1.5	10
544	One step hydrothermal synthesis and characterization of moss like MWCNT-Bi ₂ S ₃ nanomaterial for solid phase extraction of copper. <i>Talanta</i> , 2017, 174, 645-651.	5.5	10
545	Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on <i>Coprinus atramentaria</i> . <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 992-1003.	3.3	10
546	Synthesis, Biological Evaluation, Molecular Docking, and Acid Dissociation Constant of New Bis(1,2,3-triazole) Compounds. <i>ChemistrySelect</i> , 2021, 6, 6994-7001.	1.5	10
547	Biomass-Derived Adsorbent for Dispersive Solid-Phase Extraction of Cr(III), Fe(III), Co(II) and Ni(II) from Food Samples Prior to ICP-MS Detection. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7792.	2.5	10
548	An efficient green microextraction method of Co and Cu in environmental samples prior to their flame atomic absorption spectrometric detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2021, 101, 2728-2741.	3.3	10
549	Use of Modified Diethylamine Phosphorus-containing Polymer for Solid Phase Extraction of Cobalt and Lead in Fruit Samples Employing Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2014, 35, 163-167.	1.2	10
550	Assessment of Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Cd, and Pb Concentrations in Gluten-free Foods From Saudi Arabia by Inductively Coupled Plasma Mass Spectrometry. <i>Atomic Spectroscopy</i> , 2015, 36, 254-260.	1.2	10
551	Determination of Copper Using Supramolecular Solvent-based Microextraction for Food, Spices, and Water Samples Prior to Analysis by Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2019, 40, 17-23.	1.2	10
552	Type of green solvents used in separation and preconcentration methods. , 2020, , 207-266.		10
553	Vortex-assisted restricted access-based supramolecular solvent microextraction of trace Pb(II) ions with 4-(benzimidazolisonitrosoacetyl)biphenyl as a complexing agent before microsampling flame AAS analysis. <i>Talanta</i> , 2022, 248, 123651.	5.5	10
554	Development of an Efficient Procedure for Determination of Copper, Zinc and Iron after Solid Phase Extraction on 3-((1-(1H-indol-3-yl)-3-phenylallyl)-1H-indole Loaded on Duolite XAD 761. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 275-283.		10
555	Copper, iron, and lead levels in fertilizer and water samples: separation and preconcentration on multiwalled carbon nanotubes. <i>Desalination and Water Treatment</i> , 2013, 51, 7296-7303.	1.0	9
556	Evaluation of metal contents of household detergent samples from Turkey by flame atomic absorption spectrometry. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9663-9668.	2.7	9
557	Determination of Au(III) and Pd(II) ions by flame atomic absorption spectrometry in some environmental samples after solid phase extraction. <i>Toxicological and Environmental Chemistry</i> , 2017, 99, 590-600.	1.2	9
558	Dispersive Liquid-Liquid Microextraction and Microsample Injection Flame Atomic Absorption Spectrometry Combination for Copper(II)-3-hydroxy-4-methyl-2(3H)-thiazolethione Chelates. <i>Atomic Spectroscopy</i> , 2013, 34, 175-180.	1.2	9

#	ARTICLE	IF	CITATIONS
559	Neodymium(III) Hydroxide Coprecipitation-FAAS System for the Speciation of Chromium in Natural Waters. <i>Atomic Spectroscopy</i> , 2013, 34, 216-220.	1.2	9
560	Trace metal pollution from traffic in Denizli-Turkey during dry season. <i>Biomedical and Environmental Sciences</i> , 2006, 19, 254-61.	0.2	9
561	Preconcentration of some trace metal ions on coated alumina modified by 1-((6-(2-hydroxynaphthalen-1-yl)methyleneamino) hexylimino) methyl) naphthalen-2-ol. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 860-872.	1.2	8
562	A multivariate study of solid phase extraction of beryllium(II) using human hair as adsorbent prior to its spectrophotometric detection. <i>Desalination and Water Treatment</i> , 2015, 55, 1088-1095.	1.0	8
563	Application of Wet vs. Microwave Digestion for Trace Element Determination in Soil, Vegetable, Nuts, and Grain Samples by ICP-OES. <i>Atomic Spectroscopy</i> , 2015, 36, 159-164.	1.2	8
564	Assessment of Relationship Between Geochemical Fractions of Barium in Soil of Cherry Orchards and Plant Barium Uptake and Determination by Inductively Coupled Plasma Optical Emission Spectrometry. <i>Atomic Spectroscopy</i> , 2019, 40, 173-178.	1.2	8
565	A novel-easy deep eutectic solvent-based microextraction procedure for the separation, preconcentration and spectrophotometric determination of chromotrope 2R in water, detergent and food samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 3373-3382.	3.3	8
566	Preconcentration/Separation of Some Metal Ions Using Sodium Dodecyl Sulfate Coated Alumina Modified with Bis(5-bromo-2-hydroxybenzaldehyde)-methyl-1,5-pentane Diimine (BBHBPDl) Prior to Their Flame-AAS Determination. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2141-2147.	1.0	7
567	Solid-phase extraction of lead and copper on a polyhydroxybutyrate- <i>b</i> -polydimethyl siloxane (<sc>PHB</sc>-<sc>PDMS</sc>) block copolymer disc and flame atomic absorption spectrometric determination of them in water and food samples. <i>International Journal of Food Science and Technology</i> , 2013, 48, 2384-2390.	2.7	7
568	Ultrasound assisted supramolecular liquid phase microextraction procedure for Sudan I at trace level in environmental samples. <i>Turkish Journal of Chemistry</i> , 2021, 45, 1327-1335.	1.2	7
569	Enrichment and Separation of Fe(III), Mn(II), Ni(II), and Zn(II) as Their Congo Red Chelates on Multiwalled Carbon Nanotube (MWCNT) Disk in Food and Water Samples. <i>Atomic Spectroscopy</i> , 2013, 34, 20-25.	1.2	7
570	An application of sorbent extraction procedure on chromotrope 2R-coated amberlite XAD-1180 for the atomic absorption spectrometric determinations of copper, iron and lead ions in natural water samples. <i>Trace Elements and Electrolytes</i> , 2003, 20, 160-165.	0.1	7
571	Cadmium selenide and carbon nanodots modified magnetite nanospheres for the magnetic solid-phase extraction (MSPE) of malachite green prior to spectrophotometric determination. <i>Instrumentation Science and Technology</i> , 2022, 50, 370-384.	1.8	7
572	Electrospun Composite Nanofibers Based on Poly (μ -Caprolactone) and StyraX Liquidus (Liquidambar) Tj ETQq0 0 0 rgBT /Overlock 10 T Cytocompatibility Results. <i>Journal of Polymers and the Environment</i> , 2022, 30, 2462-2473.	5.0	7
573	Comparative study for the separation, preconcentration, and determination of copper and cadmium in real samples by using two different ligands. <i>Turkish Journal of Chemistry</i> , 2016, 40, 93-105.	1.2	6
574	A new method for the preconcentrations of U(VI) and Th(IV) by magnetized thermophilic bacteria as a novel biosorbent. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1107-1116.	3.7	6
575	Ultrasound assisted magnetic solid phase extraction of copper(II) and lead(II) in environmental samples on Magnetic Activated Carbon Cloth. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 2542-2554.	3.3	6
576	CuCo2O4 as affective adsorbent for dispersive solid-phase extraction of lead from food, cigarette and water samples before FAAS detection. <i>Chemical Papers</i> , 2021, 75, 6367-6375.	2.2	6

#	ARTICLE	IF	CITATIONS
577	Hydrolytic enzyme modified magnetic nanoparticles: An innovative and green microextraction system for inorganic species in food samples. <i>Analytica Chimica Acta</i> , 2021, 1178, 338808.	5.4	6
578	Assessment of Heavy Metal Levels in Street Dust Samples from Denizli, Turkey, and Analysis by Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2016, 37, 25-29.	1.2	6
579	Dispersive Liquid-Liquid Microextraction of Lead(II) as Tropaeolin OOO Chelates From Environmental Samples Prior to Microsampling Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2018, 39, 112-117.	1.2	6
580	A new preconcentration and separation method for flame atomic absorption spectrometric determinations of some trace metal ions on a Diaion HP-20 column. <i>Annali Di Chimica</i> , 2001, 91, 637-47.	0.6	6
581	Determination of Rhodamine B by UV-Vis spectrophotometry in cosmetics after microextraction by using heat-induced homogeneous liquid-liquid extraction method. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 3935-3942.	2.2	6
582	A New pH Indicator Based on 2,5-Diaryl-1-salicylideneamino-1,3,4-triazole Derivative. <i>Chinese Journal of Chemistry</i> , 2008, 26, 143-145.	4.9	5
583	Separation and Enrichment of Gold in Water, Geological and Environmental Samples by Solid Phase Extraction on Multiwalled Carbon Nanotubes Prior to its Determination by Flame Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2015, 98, 1733-1738.	1.5	5
584	Comparative solid phase extraction study on the U(VI) preconcentration by using immobilized thermotolerant <i>Bacillus vallismortis</i> and <i>Bacillus mojavensis</i> . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 315, 185-193.	1.5	5
585	The separation, preconcentration and determination of ultra-trace gold in water and solid samples by dispersive liquid-liquid microextraction using atomic absorption spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2018, 15, 1347-1354.	2.2	5
586	Development of Armillae mellea immobilized nanodiamond for the preconcentrations of Cr(III), Hg(II) and Zn(II). <i>Analytical Biochemistry</i> , 2021, 617, 114122.	2.4	5
587	An easy and green amine-based microextraction strategy combined UV-Vis spectrophotometric detection for mercury in natural water samples. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 3069-3075.	2.2	5
588	Coprecipitation of Fe(III), Mn(II), Cu(II), Pb(II), Co(II), and Ni(II) With Ytterbium Hydroxide for Separation and Preconcentration Prior to Determination by FAAS. <i>Atomic Spectroscopy</i> , 2015, 36, 165-170.	1.2	5
589	Vortex-assisted Dispersive Liquid-Liquid Microextraction of Pb(II) as 2-hydroxypyridine-3-carboxylic Acid Chelates From Food and Water Samples Prior to Flame Atomic Absorption Spectrometric Determination. <i>Atomic Spectroscopy</i> , 2016, 37, 108-113.	1.2	5
590	Supramolecular Solvent-based Microextraction of Copper at Trace Levels Before Determination by Microsampling Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2016, 37, 158-163.	1.2	5
591	Activated Carbon Cloth (ACC) as Efficient Adsorbent for Trace Cu(II), Co(II), Cd(II), Pb(II), Mn(II), and Ni(II) as O-O-diethylphosphorodithioic Acid Chelates for the Enrichment From Water and Soil Samples. <i>Atomic Spectroscopy</i> , 2017, 38, 65-70.	1.2	5
592	A Strategy Based on the Dispersive Liquid-Liquid Microextraction of Cadmium in Environmental Samples Prior to Its Determination by Flame Atomic Absorption Spectrometry. <i>Atomic Spectroscopy</i> , 2018, 39, 46-54.	1.2	5
593	Removal of some heavy metal ions from water using novel adsorbent based on iron oxide-doped sol-gel organic-inorganic hybrid nanocomposite: equilibrium and kinetic study. , 0, 147, 173-182.		5
594	Preconcentrations of Zn(II) and Hg(II) in Environmental and Food Samples by SPE on B. licheniformis Loaded Amberlite XAD-4. <i>Biological Trace Element Research</i> , 2022, 200, 1972-1980.	3.5	5

#	ARTICLE	IF	CITATIONS
595	Deep eutectic solvents in microextraction. , 2021, , 471-512.		5
596	Simultaneous enrichment-separation of metal ions from environmental samples by solid-phase extraction using double-walled carbon nanotubes. Journal of AOAC INTERNATIONAL, 2009, 92, 1219-24.	1.5	5
597	Estimating remobilization of potentially toxic elements in soil and road dust of an industrialized urban environment. Environmental Monitoring and Assessment, 2022, 194, .	2.7	5
598	Solid phase extraction of Pb(II) and Cd(II) as 2,9 dimethyl-4,7-diphenyl-1,10-phenanthroline chelates on activated carbon cloth in environmental samples and their determination by flame atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 0, , 1-10.	3.3	4
599	Solid-phase extraction of copper and zinc in water samples using diethylamine-modified phosphorus-containing polymer. Desalination and Water Treatment, 2016, 57, 2834-2842.	1.0	4
600	Switchable solvents in separation and preconcentration of organic and inorganic species. , 2020, , 347-380.		4
601	An environmentally friendly, simple and novel microextraction procedure for copper at trace level from urine, sweat, dialysis solution and water samples before its FAAS detection. International Journal of Environmental Analytical Chemistry, 2022, 102, 3919-3930.	3.3	4
602	Vortex-assisted magnetic solid phase extraction of Pb and Cu in some herb samples on magnetic multiwalled carbon nanotubes. Turkish Journal of Chemistry, 2021, 45, 210-218.	1.2	4
603	Determination of Lead(II) as Brilliant Black BN Chelates in Water and Soil Samples After Separation-Preconcentration on Cellulose Nitrate Membrane Filter. Atomic Spectroscopy, 2015, 36, 49-53.	1.2	4
604	Application of Supramolecular Microextraction and Flame Atomic Absorption Spectrometry for Ultra-trace Determination of Cadmium in Food and Water Samples. Atomic Spectroscopy, 2017, 38, 51-56.	1.2	4
605	Cloud Point Microextraction of Sudan IV from Food and Cosmetics with Determination by Spectrophotometry. Analytical Letters, 2023, 56, 464-475.	1.8	4
606	Metal-doped Magnetic Graphene Oxide Nanohybrid for Solid-phase Microextraction of Copper from Environmental Samples. Iranian Journal of Science and Technology, Transaction A: Science, 2022, 46, 807-817.	1.5	4
607	Selective Solid Phase Extraction for Separation and Preconcentration of Palladium from Gold Ore and Anode Slime after Complexation with a N_4O_2 Mixed Donor Ligand Derivative. Clean - Soil, Air, Water, 2010, 38, 678-683.	1.1	3
608	Investigation some characteristics of chicken featherâ€™s rachis. IOP Conference Series: Materials Science and Engineering, 2017, 254, 192013.	0.6	3
609	Type of new generation separation and preconcentration methods. , 2020, , 75-148.		3
610	Ionic liquids in separation and preconcentration of organic and inorganic species. , 2020, , 267-318.		3
611	Deep eutectic solvent in separation and preconcentration of organic and inorganic species. , 2020, , 381-423.		3
612	Exhaled breath condensate magnesium levels of infants with bronchiolitis. Turkish Journal of Pediatrics, 2018, 60, 535.	0.6	3

#	ARTICLE	IF	CITATIONS
613	Use of multiwalled carbon nanotube disks for the SPE of some heavy metals as 8-hydroxquinoline complexes. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 1297-303.	1.5	3
614	Preconcentration of Nickel by Magnetic Solid-Phase Extraction (MSPE) as the 2-(5-Bromo-2-Pyridylazo)-5-Diethylamino-Phenol (PADAP) Chelate upon Multiwalled Carbon Nanotubes (MWCNTs) with Determination by Flame Atomic Absorption Spectrometry (FAAS). <i>Analytical Letters</i> , 2023, 56, 449-463.	1.8	3
615	Solid phase extraction of trace level Ag(I) using <i>Coriolus versicolor</i> immobilized magnetic nanoparticles and its determination by ICP-OES. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, e13251.	2.3	2
616	Magnetic dispersive solid phase extraction of lead(II) as dithizone chelates in food and environmental samples on Fe ₃ O ₄ @XAD-8 prior to its flame atomic absorption spectrometric detection. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-12.	3.3	2
617	Extraction Techniques used for the Removal of Pharmaceuticals from Environmental Samples. <i>Pharmaceutical Sciences</i> , 2021, , .	0.2	2
618	Use of Fe ₃ O ₄ Nanoparticles and Ultrasound-assisted Dispersive Liquid-liquid Microextraction of Lead in Water, Tobacco, and Fertilizer Samples for FAAS Determination. <i>Atomic Spectroscopy</i> , 2015, 36, 146-151.	1.2	2
619	Development of Phosphate-containing Polymer-based Solid Phase Extraction Procedure for the Separation, Enrichment, and Determination of Cadmium in Water and Food Samples by FAAS. <i>Atomic Spectroscopy</i> , 2018, 39, 158-163.	1.2	2
620	Supramolecular solvents: a review of a modern innovation in liquid-phase microextraction technique. <i>Turkish Journal of Chemistry</i> , 2021, 45, .	1.2	2
621	A novel method for speciation of chromium: coprecipitation without carrier element by using a triazole derivative. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 257-62.	1.5	2
622	Metal decorated silica-based core-shell magnetic nanocomposite for the solid-phase microextraction of cadmium(II) with determination by high-resolution continuum source flame atomic absorption spectrometry. <i>Instrumentation Science and Technology</i> , 2022, 50, 637-653.	1.8	2
623	Supramolecular solvent-based liquid phase extraction of antimony prior to spectrophotometric quantification. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	2.7	2
624	Historical backgrounds, milestones in the field of development of separation and preconcentration methods. , 2020, , 1-43.		1
625	Locking of Tunneled Cuffed Hemodialysis Catheters with a Mixture of 45% Ethanol and 4% Trisodium Citrate is Effective in Preventing Catheter-Related Infections and Thrombosis. <i>Turkish Nephrology, Dialysis and Transplantation Journal</i> , 2016, 25, 168-174.	0.0	1
626	SPECTROPHOTOMETRIC DETERMINATION OF SUDAN BLUE II IN ENVIRONMENTAL SAMPLES AFTER DISPERSIVE LIQUID-LIQUID MICROEXTRACTION. <i>Quimica Nova</i> , 2014, , .	0.3	1
627	Development of a New Solid Phase Extraction Procedure for Selective Separation and Enrichment of Au(III) Ions in Environmental Samples. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	1
628	Selective preconcentration/separation of copper(II), iron(III), and lead(II) as their N'-benzoyl-N,N-diisobutylthiourea chelates on Amberlite XAD-16 resin. <i>Journal of AOAC INTERNATIONAL</i> , 2010, 93, 720-4.	1.5	1
629	Determination of some heavy metals by flame atomic absorption spectrometry before coprecipitation with neodymium hydroxide. <i>Journal of AOAC INTERNATIONAL</i> , 2011, 94, 978-84.	1.5	1
630	Deep eutectic solvent-based ultrasound-assisted liquid-liquid microextraction of ibuprofen prior to HPLC-UV determination. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-11.	3.3	1

#	ARTICLE	IF	CITATIONS
631	Serpantin Ėcezerinde OluĖmuĖ Topraklarda Kobalt, Krom ve Nikelin Jeokimyasal FraksiyonlarĖnĖn Belirlenmesi (Ėstanbul- Ezine, TĖrkiye). Turkish Journal of Agricultural and Natural Sciences, 0, , .	0.6	1
632	Geochemical investigation of the potability of surface water in Ėit River and related creeks in Avliyana Basin (GĖmĖhane, NE Turkey). Turkish Journal of Analytical Chemistry, 0, , .	0.8	1
633	Development of a new system for reducing the temperature increase during the positioning of spoilers using pneumatic artificial muscle (PAM). Aircraft Engineering and Aerospace Technology, 2020, 92, 1257-1261.	1.2	0
634	Supramolecular solvents in separation and preconcentration of organic and inorganic species. , 2020, , 319-346.		0
635	Nanotechnological Developments in Nanofiber-Based Membranes Used for Water Treatment Applications. Environmental Chemistry for A Sustainable World, 2021, , 205-259.	0.5	0
636	Use of magnetic hybrid nanomaterials in environmental applications. , 2022, , 187-211.		0
637	Introductory Note to the Special Issue of <i>Analytical Letters</i> for the Third International Environmental Chemistry Congress (EnviroChem 2021). Analytical Letters, 0, , 1-6.	1.8	0