Mustafa Soylak

List of Publications by Year
in descending order

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637 papers	31,687 citations	2311 98 h-index	11899 134 g-index
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. Journal of Hazardous Materials, 2008, 152, 632-639.	6.5	403
2	Equilibrium, kinetic and thermodynamic studies of adsorption of Pb(II) from aqueous solution onto Turkish kaolinite clay. Journal of Hazardous Materials, 2007, 149, 283-291.	6.5	367
3	Multiwalled carbon nanotubes for speciation of chromium in environmental samples. Journal of Hazardous Materials, 2007, 147, 219-225.	6.5	322
4	Removal of phenol from aqueous solutions by adsorption onto organomodified Tirebolu bentonite: Equilibrium, kinetic and thermodynamic study. Journal of Hazardous Materials, 2009, 172, 353-362.	6.5	321
5	Preconcentration of some trace elements via using multiwalled carbon nanotubes as solid phase extraction adsorbent. Journal of Hazardous Materials, 2009, 169, 466-471.	6.5	275
6	Cloud point extraction and flame atomic absorption spectrometric determination of cadmium(II), lead(II), palladium(II) and silver(I) in environmental samples. Journal of Hazardous Materials, 2009, 168, 1022-1027.	6.5	267
7	Biosorption of Cd(II) and Cr(III) from aqueous solution by moss (Hylocomium splendens) biomass: Equilibrium, kinetic and thermodynamic studies. Chemical Engineering Journal, 2008, 144, 1-9.	6.6	252
8	Biosorption of Pb(II) and Cr(III) from aqueous solution by lichen (Parmelina tiliaceae) biomass. Bioresource Technology, 2008, 99, 2972-2980.	4.8	245
9	Modeling of quaternary dyes adsorption onto ZnOâ€“NRâ€“AC artificial neural network: Analysis by derivative spectrophotometry. Journal of Industrial and Engineering Chemistry, 2016, 34, 186-197.	2.9	240
10	Adsorption of Pb(II) and Cr(III) from aqueous solution on Celtek clay. Journal of Hazardous Materials, 2007, 144, 41-46.	6.5	235
11	Adsorption characteristics of Cu(II) and Pb(II) onto expanded perlite from aqueous solution. Journal of Hazardous Materials, 2007, 148, 387-394.	6.5	235
12	Pseudomonas aeruginosa immobilized multiwalled carbon nanotubes as biosorbent for heavy metal ions. Bioresource Technology, 2008, 99, 1563-1570.	4.8	229
13	Determination of trace metal ions by AAS in natural water samples after preconcentration of pyrocatechol violet complexes on an activated carbon column. Talanta, 2000, 52, 1041-1046.	2.9	216
14	Trace metal content in nine species of fish from the Black and Aegean Seas, Turkey. Food Chemistry, 2007, 104, 835-840.	4.2	209
15	Investigation of heavy metal mobility and availability by the BCR sequential extraction procedure: relationship between soil properties and heavy metals availability. Chemical Speciation and Bioavailability, 2014, 26, 219-230.	2.0	209
16	Biosorption of Pb(II) and Ni(II) from aqueous solution by lichen (Cladonia furcata) biomass. Biochemical Engineering Journal, 2007, 37, 151-158.	1.8	208
17	Trace element levels in honeys from different regions of Turkey. Food Chemistry, 2007, 103, 325-330.	4.2	196
18	Determination of rhodamine B in soft drink, waste water and lipstick samples after solid phase extraction. Food and Chemical Toxicology, 2011, 49, 1796-1799.	1.8	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. Journal of Hazardous Materials, 2008, 154, 128-134.	6.5	183
20	Multi-element pre-concentration of heavy metal ions by solid phase extraction on Chromosorb 108. Analytica Chimica Acta, 2005, 548, 101-108.	2.6	182
21	Preconcentration and separation of nickel, copper and cobalt using solid phase extraction and their determination in some real samples. Journal of Hazardous Materials, 2007, 147, 226-231.	6.5	181
22	Biosorption of palladium(II) from aqueous solution by moss (Racomitrium lanuginosum) biomass: Equilibrium, kinetic and thermodynamic studies. Journal of Hazardous Materials, 2009, 162, 874-879.	6.5	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. Journal of Hazardous Materials, 2010, 173, 669-674.	6.5	179
24	Adsorption of Phenol from Aqueous Solution on a Low-Cost Activated Carbon Produced from Tea Industry Waste: Equilibrium, Kinetic, and Thermodynamic Study. Journal of Chemical & Engineering Data, 2012, 57, 2733-2743.	1.0	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). Journal of Hazardous Materials, 2007, 146, 347-355.	6.5	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. Food and Chemical Toxicology, 2009, 47, 1648-1652.	1.8	166
27	Solid phase extraction and preconcentration of uranium(VI) and thorium(IV) on Duolite XAD761 prior to their inductively coupled plasma mass spectrometric determinationâ˜†. Talanta, 2007, 72, 187-192.	2.9	165
28	Cloud point extraction for the determination of copper, nickel and cobalt ions in environmental samples by flame atomic absorption spectrometry. Journal of Hazardous Materials, 2008, 150, 533-540.	6.5	165
29	A novel multi-element coprecipitation technique for separation and enrichment of metal ions in environmental samplesâ˜†. Talanta, 2007, 73, 134-141.	2.9	163
30	Characterization of biosorption process of As(III) on green algae Ulothrix cylindricum. Journal of Hazardous Materials, 2009, 165, 566-572.	6.5	158
31	A novel acorn based adsorbent for the removal of brilliant green. Desalination, 2011, 281, 226-233.	4.0	154
32	Determination of trace metals in canned fish marketed in Turkey. Food Chemistry, 2007, 101, 1378-1382.	4.2	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. Talanta, 2004, 63, 411-418.	2.9	147
34	Removal of Pb(II) ions from aqueous solution by a waste mud from copper mine industry: Equilibrium, kinetic and thermodynamic study. Journal of Hazardous Materials, 2009, 166, 1480-1487.	6.5	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. Talanta, 2016, 160, 680-685.	2.9	147
36	Magnetic nanoparticle based dispersive micro-solid-phase extraction for the determination of malachite green in water samples: optimized experimental design. New Journal of Chemistry, 2015, 39, 9813-9823.	1.4	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. Microchemical Journal, 2017, 132, 280-285.	2.3	146
38	Novel solid phase extraction procedure for gold(III) on Dowex M 4195 prior to its flame atomic absorption spectrometric determination. Journal of Hazardous Materials, 2008, 156, 591-595.	6.5	145
39	Trace element levels of mushroom species from East Black Sea region of Turkey. Food Control, 2007, 18, 806-810.	2.8	143
40	Biosorption of Pb(II) ions from aqueous solution by pine bark (Pinus brutia Ten.). Chemical Engineering Journal, 2009, 153, 62-69.	6.6	143
41	Vortex assisted deep eutectic solvent (DES)-emulsification liquid-liquid microextraction of trace curcumin in food and herbal tea samples. Food Chemistry, 2018, 243, 442-447.	4.2	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. Journal of Hazardous Materials, 2007, 145, 459-464.	6.5	142
43	Deep eutectic solvent based ultrasonic assisted liquid phase microextraction for the FAAS determination of cobalt. Journal of Molecular Liquids, 2016, 224, 538-543.	2.3	142
44	Coprecipitation of gold(III), palladium(II) and lead(II) for their flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2008, 152, 656-661.	6.5	141
45	Seasonal investigation of trace element contents in commercially valuable fish species from the Black sea, Turkey. Food and Chemical Toxicology, 2010, 48, 865-870.	1.8	141
46	Characterization of Heavy Metal Fractions in Agricultural Soils by Sequential Extraction Procedure: The Relationship Between Soil Properties and Heavy Metal Fractions. Soil and Sediment Contamination, 2015, 24, 1-15.	1.1	141
47	Determination of trace metals in mushroom samples from Kayseri, Turkey. Food Chemistry, 2005, 92, 649-652.	4.2	139
48	Determination of trace metals in different fish species and sediments from the River YeÅŸilÄ±rmak in Tokat, Turkey. Food and Chemical Toxicology, 2010, 48, 1383-1392.	1.8	139
49	Poly(vinyl pyridine-poly ethylene glycol methacrylate-ethylene glycol dimethacrylate) beads for heavy metal removal. Journal of Hazardous Materials, 2008, 155, 114-120.	6.5	138
50	Physicochemical characteristics of a novel activated carbon produced from tea industry waste. Journal of Analytical and Applied Pyrolysis, 2013, 104, 249-259.	2.6	138
51	Chromium speciation in environmental samples by solid phase extraction on Chromosorb 108. Journal of Hazardous Materials, 2006, 129, 266-273.	6.5	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. Mikrochimica Acta, 2012, 177, 397-403.	2.5	137
53	Biosorptive removal of mercury(II) from aqueous solution using lichen (Xanthoparmelia conspersa) biomass: Kinetic and equilibrium studies. Journal of Hazardous Materials, 2009, 169, 263-270.	6.5	136
54	Arsenic speciation in natural water samples by coprecipitation-hydride generation atomic absorption spectrometry combination. Talanta, 2009, 78, 52-56.	2.9	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.	1.3	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.	6.5	134
57	Synthesis and application of Fe3O4@SiO2@TiO2 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.	2.9	134
58	Flame atomic absorption spectrometric determination of cadmium(II) and lead(II) after their solid phase extraction as dibenzyldithiocarbamate chelates on Dowex Optipore V-493. Analytica Chimica Acta, 2006, 578, 213-219.	2.6	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.	6.5	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.	1.8	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.	6.5	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.	4.0	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.	2.6	128
64	Evaluation of various digestion procedures for trace element contents of some food materials. Journal of Hazardous Materials, 2008, 152, 1020-1026.	6.5	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.	6.5	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.	1.8	126
67	Preparation and characterization of magnetic allylamine modified graphene oxide-poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf some metal ions. Talanta, 2016, 146, 130-137.	2.9	125
68	Coprecipitation of heavy metals with erbium hydroxide for their flame atomic absorption spectrometric determinations in environmental samples. Talanta, 2005, 66, 1098-1102.	2.9	124
69	Factorial design in the optimization of preconcentration procedure for lead determination by FAAS. Talanta, 2005, 65, 895-899.	2.9	123
70	Assessment of trace element contents of chicken products from turkey. Journal of Hazardous Materials, 2009, 163, 982-987.	6.5	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.	2.9	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.	2.9	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. Food and Chemical Toxicology, 2010, 48, 517-521.	1.8	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. Journal of Hazardous Materials, 2009, 166, 1441-1448.	6.5	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. Journal of Hazardous Materials, 2008, 155, 121-127.	6.5	118
76	Selective separation and preconcentration of copper (II) in environmental samples by the solid phase extraction on multi-walled carbon nanotubes. Journal of Hazardous Materials, 2009, 168, 1527-1531.	6.5	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. Food and Chemical Toxicology, 2010, 48, 891-897.	1.8	117
78	Removal of fluoride ions from aqueous solution by waste mud. Journal of Hazardous Materials, 2009, 168, 888-894.	6.5	116
79	Mercury(II) and methyl mercury speciation on Streptococcus pyogenes loaded Dowex Optipore SD-2. Journal of Hazardous Materials, 2009, 169, 345-350.	6.5	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. Microchemical Journal, 2019, 147, 832-837.	2.3	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. Analytical Letters, 2003, 36, 641-658.	1.0	114
82	Determination of trace element contents of baby foods from Turkey. Food Chemistry, 2007, 105, 280-285.	4.2	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. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 167, 157-164.	2.0	114
84	Three modified activated carbons by different ligands for the solid phase extraction of copper and lead. Journal of Hazardous Materials, 2008, 152, 1248-1255.	6.5	113
85	Cloud point extraction and flame atomic absorption spectrometry combination for copper(II) ion in environmental and biological samples. Journal of Hazardous Materials, 2008, 160, 435-440.	6.5	111
86	A preconcentration system for determination of copper and nickel in water and food samples employing flame atomic absorption spectrometry. Journal of Hazardous Materials, 2009, 162, 1041-1045.	6.5	110
87	A Sorbent Extraction Procedure for the Preconcentration of Gold, Silver and Palladium on an Activated Carbon Column. Analytical Letters, 2000, 33, 513-525.	1.0	109
88	Determination of Trace Amounts of Cobalt in Natural Water Samples as 4-(2-Thiazolylazo) Recorcinol Complex After Adsorptive Preconcentration. Analytical Letters, 1997, 30, 623-631.	1.0	108
89	Diaion SP-850 resin as a new solid phase extractor for preconcentration-separation of trace metal ions in environmental samples. Journal of Hazardous Materials, 2006, 137, 1496-1501.	6.5	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. Talanta, 2003, 60, 215-221.	2.9	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.	6.5	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.	1.0	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.	6.5	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.	6.5	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.	2.9	103
96	Solid Phase Extraction of Cu(II), Pb(II), Fe(III), Co(II), and Cr(III) on Chelexâ€100 Column Prior to Their Flame Atomic Absorption Spectrometric Determinations. Analytical Letters, 2004, 37, 1203-1217.	1.0	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.	6.5	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.	2.0	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.	1.0	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.	2.9	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.	6.5	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.	2.6	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.	6.5	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.	1.0	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.	6.5	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.	2.9	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.	6.5	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. Talanta, 2007, 71, 424-429.	2.9	93
110	Determination of As(III) and As(V) species in some natural water and food samples by solid-phase extraction on Streptococcus pyogenes immobilized on Sepabeads SP 70 and hydride generation atomic absorption spectrometry. Food and Chemical Toxicology, 2010, 48, 1393-1398.	1.8	91
111	Column Preconcentration of Trace Amounts of Copper on Activated Carbon from Natural Water Samples. Analytical Letters, 1996, 29, 635-643.	1.0	89
112	Determination of trace impurities in some nickel compounds by flame atomic absorption spectrometry after solid phase extraction using Amberlite XAD-16 resin. Fresenius' Journal of Analytical Chemistry, 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. International Journal of Environmental Analytical Chemistry, 1997, 66, 51-59.	1.8	88
114	Mercury Contamination in Mushroom Samples from Tokat, Turkey. Bulletin of Environmental Contamination and Toxicology, 2005, 74, 968-972.	1.3	85
115	Biosorption of copper(II), lead(II), iron(III) and cobalt(II) on Bacillus sphaericus-loaded Diaion SP-850 resin. Analytica Chimica Acta, 2007, 581, 241-246.	2.6	85
116	Preconcentration of trace metals in river waters by the application of chelate adsorption on Amberlite XAD-4. Fresenius' Journal of Analytical Chemistry, 1992, 342, 175-178.	1.5	84
117	Evaluation of trace element contents of dried apricot samples from Turkey. Journal of Hazardous Materials, 2009, 167, 647-652.	6.5	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. Microchemical Journal, 2012, 101, 5-10.	2.3	82
119	Nanomaterials-based solid phase extraction and solid phase microextraction for heavy metals food toxicity. Food and Chemical Toxicology, 2020, 145, 111704.	1.8	82
120	Celtek clay as sorbent for separationâ€“preconcentration of metal ions from environmental samples. Journal of Hazardous Materials, 2006, 136, 597-603.	6.5	81
121	Solid phase extraction method for the determination of iron, lead and chromium by atomic absorption spectrometry using Amberite XAD-2000 column in various water samples. Journal of Hazardous Materials, 2008, 153, 454-461.	6.5	81
122	Selective speciation and determination of inorganic arsenic in water, food and biological samples. Food and Chemical Toxicology, 2010, 48, 41-46.	1.8	81
123	Simultaneous preconcentrations of Co2+, Cr6+, Hg2+ and Pb2+ ions by Bacillus altitudinis immobilized nanodiamond prior to their determinations in food samples by ICP-OES. Food Chemistry, 2017, 215, 447-453.	4.2	81
124	Assessment of trace element levels in Rhododendron honeys of Black Sea Region, Turkey. Journal of Hazardous Materials, 2008, 156, 612-618.	6.5	80
125	Switchable solvent-based liquid phase microextraction of copper(<scp>ii</scp>): optimization and application to environmental samples. Journal of Analytical Atomic Spectrometry, 2015, 30, 1629-1635.	1.6	80
126	Polypyrrole/multi-walled carbon nanotube composite for the solid phase extraction of lead(II) in water samples. Talanta, 2014, 119, 447-451.	2.9	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. Food and Chemical Toxicology, 2011, 49, 208-214.	1.8	78
128	Comparison between dispersive liquidâ€“liquid microextraction and ultrasound-assisted nanoparticles-dispersive solid-phase microextraction combined with microvolume spectrophotometry method for the determination of Auramine-O in water samples. RSC Advances, 2015, 5, 39084-39096.	1.7	78
129	Activated carbon from waste as an efficient adsorbent for malathion for detection and removal purposes. Journal of Industrial and Engineering Chemistry, 2015, 32, 336-344.	2.9	78
130	Microwave and Wet Digestion Procedures for Atomic Absorption Spectrometric Determination of Trace Metals Contents of Sediment Samples. Analytical Letters, 2004, 37, 1925-1936.	1.0	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. Talanta, 2007, 71, 1375-1381.	2.9	75
132	Switchable polarity solvent for liquid phase microextraction of Cd(II) as pyrrolidinedithiocarbamate chelates from environmental samples. Analytica Chimica Acta, 2015, 886, 75-82.	2.6	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. Analytica Chimica Acta, 2016, 906, 110-117.	2.6	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/Fe3O4/SiO2. Microchemical Journal, 2019, 145, 843-851.	2.3	74
135	Biosorption of heavy metals on Aspergillus fumigatus immobilized Diaion HP-2MG resin for their atomic absorption spectrometric determinations. Talanta, 2006, 70, 1129-1135.	2.9	73
136	Determination of some heavy metals in food and environmental samples by flame atomic absorption spectrometry after coprecipitation. Food and Chemical Toxicology, 2011, 49, 1242-1248.	1.8	73
137	Molecularly imprinted polymer based quartz crystal microbalance sensor system for sensitive and label-free detection of synthetic cannabinoids in urine. Biosensors and Bioelectronics, 2018, 111, 10-17.	5.3	73
138	Ligandless ultrasonic-assisted and ionic liquid-based dispersive liquidâ€“liquid microextraction of copper, nickel and lead in different food samples. Food Chemistry, 2015, 167, 433-437.	4.2	72
139	Evaluation of trace element contents in canned foods marketed from Turkey. Food Chemistry, 2007, 102, 1089-1095.	4.2	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. Journal of Hazardous Materials, 2009, 162, 292-299.	6.5	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. Food and Chemical Toxicology, 2009, 47, 2302-2307.	1.8	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. Food and Chemical Toxicology, 2010, 48, 1511-1515.	1.8	71
143	Preparation and characterization of magnetic carboxylated nanodiamonds for vortex-assisted magnetic solid-phase extraction of ziram in food and water samples. Talanta, 2016, 158, 152-158.	2.9	71
144	Coprecipitation of trace elements with Ni2+/2-Nitroso-1-naphthol-4-sulfonic acid and their determination by flame atomic absorption spectrometry. Journal of Hazardous Materials, 2010, 176, 1032-1037.	6.5	70

#	Article	IF	Citations
145	Switchable solvent based green liquid phase microextraction method for cobalt in tobacco and food samples prior to flame atomic absorption spectrometric determination. Journal of Molecular Liquids, 2017, 229, 459-464.	2.3	70
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