Mustafa Tuzen

List of Publications by Year
in descending order

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257 papers	19,640 citations	6606 79 h-index	14197 128 g-index
257 all docs	257 docs citations	257 times ranked	13079 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	Kinetic and equilibrium studies of biosorption of Pb(II) and Cd(II) from aqueous solution by macrofungus (Amanita rubescens) biomass. Journal of Hazardous Materials, 2009, 164, 1004-1011.	6.5	359
4	Determination of heavy metals in fish samples of the middle Black Sea (Turkey) by graphite furnace atomic absorption spectrometry. Food Chemistry, 2003, 80, 119-123.	4.2	333
5	Effective adsorption of antimony(III) from aqueous solutions by polyamide-graphene composite as a novel adsorbent. Chemical Engineering Journal, 2017, 307, 230-238.	6.6	332
6	Determination of heavy metals in soil, mushroom and plant samples by atomic absorption spectrometry. Microchemical Journal, 2003, 74, 289-297.	2.3	328
7	Multiwalled carbon nanotubes for speciation of chromium in environmental samples. Journal of Hazardous Materials, 2007, 147, 219-225.	6.5	322
8	Toxic and essential trace elemental contents in fish species from the Black Sea, Turkey. Food and Chemical Toxicology, 2009, 47, 1785-1790.	1.8	319
9	Equilibrium, thermodynamic and kinetic studies on biosorption of Pb(II) and Cd(II) from aqueous solution by macrofungus (Lactarius scrobiculatus) biomass. Chemical Engineering Journal, 2009, 151, 255-261.	6.6	306
10	Biosorption of cadmium(II) from aqueous solution by red algae (Ceramium virgatum): Equilibrium, kinetic and thermodynamic studies. Journal of Hazardous Materials, 2008, 157, 448-454.	6.5	280
11	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
12	Effective removal of methylene blue from aqueous solutions using magnetic loaded activated carbon as novel adsorbent. Chemical Engineering Research and Design, 2017, 122, 151-163.	2.7	275
13	Biosorption of total chromium from aqueous solution by red algae (Ceramium virgatum): Equilibrium, kinetic and thermodynamic studies. Journal of Hazardous Materials, 2008, 160, 349-355.	6.5	266
14	Polyethylenimine modified activated carbon as novel magnetic adsorbent for the removal of uranium from aqueous solution. Chemical Engineering Research and Design, 2017, 117, 218-227.	2.7	262
15	Biosorption of Pb(II) and Cd(II) from aqueous solution using green alga (Ulva lactuca) biomass. Journal of Hazardous Materials, 2008, 152, 302-308.	6.5	256
16	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
17	A novel preconcentration procedure using cloud point extraction for determination of lead, cobalt and copper in water and food samples using flame atomic absorption spectrometry. Food and Chemical Toxicology, 2010, 48, 1399-1404.	1.8	250
18	Biosorption of Pb(II) and Cr(III) from aqueous solution by lichen (Parmelina tiliaceae) biomass. Bioresource Technology, 2008, 99, 2972-2980.	4.8	245

#	Article	IF	Citations
19	Adsorption of Pb(II) and Cr(III) from aqueous solution on Celtek clay. Journal of Hazardous Materials, 2007, 144, 41-46.	6.5	235
20	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
21	Pseudomonas aeruginosa immobilized multiwalled carbon nanotubes as biosorbent for heavy metal ions. Bioresource Technology, 2008, 99, 1563-1570.	4.8	229
22	Trace metal content in nine species of fish from the Black and Aegean Seas, Turkey. Food Chemistry, 2007, 104, 835-840.	4.2	209
23	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
24	Biosorption of selenium from aqueous solution by green algae (Cladophora hutchinsiae) biomass: Equilibrium, thermodynamic and kinetic studies. Chemical Engineering Journal, 2010, 158, 200-206.	6.6	199
25	Response surface optimization, kinetic and thermodynamic studies for effective removal of rhodamine B by magnetic AC/CeO2 nanocomposite. Journal of Environmental Management, 2018, 206, 170-177.	3.8	195
26	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
27	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
28	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
29	Polyamide magnetic palygorskite for the simultaneous removal of Hg(II) and methyl mercury; with factorial design analysis. Journal of Environmental Management, 2018, 211, 323-333.	3.8	179
30	Preparation, characterization and evaluation of bio-based magnetic activated carbon for effective adsorption of malachite green from aqueous solution. Materials Chemistry and Physics, 2018, 220, 313-321.	2.0	170
31	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
32	Characterization of biosorption process of As(III) on green algae Ulothrix cylindricum. Journal of Hazardous Materials, 2009, 165, 566-572.	6.5	158
33	Optimization of parameters with experimental design for the adsorption of mercury using polyethylenimine modified-activated carbon. Journal of Environmental Chemical Engineering, 2017, 5, 1079-1088.	3.3	155
34	Determination of trace metals in canned fish marketed in Turkey. Food Chemistry, 2007, 101, 1378-1382.	4.2	149
35	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
36	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

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37	Equilibrium, thermodynamic and kinetic investigations on biosorption of arsenic from aqueous solution by algae (Maugeotia genuflexa) biomass. Chemical Engineering Journal, 2011, 167, 155-161.	6.6	144
38	Chitosan-modified vermiculite for As(III) adsorption from aqueous solution: Equilibrium, thermodynamic and kinetic studies. Journal of Molecular Liquids, 2016, 219, 937-945.	2.3	144
39	Trace element levels of mushroom species from East Black Sea region of Turkey. Food Control, 2007, 18, 806-810.	2.8	143
40	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
41	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
42	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
43	Chromium speciation in environmental samples by solid phase extraction on Chromosorb 108. Journal of Hazardous Materials, 2006, 129, 266-273.	6.5	137
44	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
45	Arsenic speciation in natural water samples by coprecipitation-hydride generation atomic absorption spectrometry combination. Talanta, 2009, 78, 52-56.	2.9	136
46	Magnetic activated carbon loaded with tungsten oxide nanoparticles for aluminum removal from waters. Journal of Environmental Chemical Engineering, 2017, 5, 2853-2860.	3.3	136
47	Equilibrium, thermodynamic and kinetic studies on adsorption of Sb(III) from aqueous solution using low-cost natural diatomite. Chemical Engineering Journal, 2010, 162, 521-527.	6.6	135
48	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
49	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
50	Comparison of dry, wet and microwave digestion methods for the multi element determination in some dried fruit samples by ICP-OES. Food and Chemical Toxicology, 2011, 49, 2800-2807.	1.8	132
51	Analysis of heavy metals in some wild-grown edible mushrooms from the middle black sea region, Turkey. Food Chemistry, 2004, 86, 547-552.	4.2	130
52	Biosorption of As(III) and As(V) from aqueous solution by macrofungus (Inonotus hispidus) biomass: Equilibrium and kinetic studies. Journal of Hazardous Materials, 2009, 164, 1372-1378.	6.5	130
53	Evaluation of various digestion procedures for trace element contents of some food materials. Journal of Hazardous Materials, 2008, 152, 1020-1026.	6.5	127
54	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

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55	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
56	Removal of mercury(II) from aqueous solution using moss (Drepanocladus revolvens) biomass: Equilibrium, thermodynamic and kinetic studies. Journal of Hazardous Materials, 2009, 171, 500-507.	6.5	125
57	Assessment of trace element contents of chicken products from turkey. Journal of Hazardous Materials, 2009, 163, 982-987.	6.5	123
58	Levels of trace elements in the fruiting bodies of macrofungi growing in the East Black Sea region of Turkey. Food Chemistry, 1999, 65, 453-460.	4.2	122
59	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
60	Determination of iron, copper, manganese, zinc, lead, and cadmium in mushroom samples from Tokat, Turkey. Food Chemistry, 2004, 84, 389-392.	4.2	110
61	Determination of trace metal levels in seven fish species in lakes in Tokat, Turkey. Food Chemistry, 2005, 90, 175-179.	4.2	110
62	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
63	Determination of trace metals in the River YeÅŸilÄ±rmak sediments in Tokat, Turkey using sequential extraction procedure. Microchemical Journal, 2003, 74, 105-110.	2.3	109
64	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
65	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
66	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
67	Ultrasonic assisted dispersive liquid-liquid microextraction method based on deep eutectic solvent for speciation, preconcentration and determination of selenium species (IV) and (VI) in water and food samples. Talanta, 2017, 175, 352-358.	2.9	103
68	Equilibrium, thermodynamic and kinetic investigations for biosorption of uranium with green algae () Tj ETQq0 0 0 rgBT /Overlock 10 Tf	6.9	101
69	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
70	Development of dispersive solid-liquid extraction method based on organic polymers followed by deep eutectic solvents elution; application in extraction of some pesticides from milk samples prior to their determination by HPLC-MS/MS. Analytica Chimica Acta, 2022, 1199, 339570.	2.6	100
71	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
72	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

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73	Ultrasound-assisted ionic liquid dispersive liquidâ€“liquid microextraction combined with graphite furnace atomic absorption spectrometric for selenium speciation in foods and beverages. Food Chemistry, 2015, 188, 619-624.	4.2	97
74	A highly selective and sensitive ultrasonic assisted dispersive liquid phase microextraction based on deep eutectic solvent for determination of cadmium in food and water samples prior to electrothermal atomic absorption spectrometry. Food Chemistry, 2018, 253, 277-283.	4.2	95
75	Solid phase extraction of lead, cadmium and zinc on biodegradable polyhydroxybutyrate diethanol amine (PHB-DEA) polymer and their determination in water and food samples. Food Chemistry, 2016, 210, 115-120.	4.2	94
76	Facile synthesis of zinc oxide nanoparticles loaded activated carbon as an eco-friendly adsorbent for ultra-removal of malachite green from water. Environmental Technology and Innovation, 2021, 21, 101305.	3.0	94
77	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
78	Synthesis of silica nanoparticles grafted with copolymer of acrylic acrylamide for ultra-removal of methylene blue from aquatic solutions. European Polymer Journal, 2020, 130, 109698.	2.6	87
79	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
80	Evaluation of trace element contents of dried apricot samples from Turkey. Journal of Hazardous Materials, 2009, 167, 647-652.	6.5	82
81	Adsorption of silver from aqueous solution onto raw vermiculite and manganese oxide-modified vermiculite. Microporous and Mesoporous Materials, 2013, 170, 155-163.	2.2	82
82	Study of heavy metals in some cultivated and uncultivated mushrooms of Turkish origin. Food Chemistry, 1998, 63, 247-251.	4.2	81
83	Celtek clay as sorbent for separationâ€“preconcentration of metal ions from environmental samples. Journal of Hazardous Materials, 2006, 136, 597-603.	6.5	81
84	Selective speciation and determination of inorganic arsenic in water, food and biological samples. Food and Chemical Toxicology, 2010, 48, 41-46.	1.8	81
85	A simple and green deep eutectic solvent based air assisted liquid phase microextraction for separation, preconcentration and determination of lead in water and food samples by graphite furnace atomic absorption spectrometry. Journal of Molecular Liquids, 2018, 259, 220-226.	2.3	81
86	Deep eutectic solvent based advance microextraction method for determination of aluminum in water and food samples: Multivariate study. Talanta, 2018, 178, 588-593.	2.9	81
87	Assessment of trace element levels in Rhododendron honeys of Black Sea Region, Turkey. Journal of Hazardous Materials, 2008, 156, 612-618.	6.5	80
88	Cd(II) adsorption from aqueous solution by raw and modified kaolinite. Applied Clay Science, 2014, 88-89, 63-72.	2.6	80
89	Adsorption Characteristics of Mercury(II) Ions from Aqueous Solution onto Chitosan-Coated Diatomite. Industrial & Engineering Chemistry Research, 2015, 54, 7524-7533.	1.8	78
90	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

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91	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
92	Equilibrium, thermodynamic and kinetic studies on aluminum biosorption from aqueous solution by brown algae (Padina pavonica) biomass. Journal of Hazardous Materials, 2009, 171, 973-979.	6.5	75
93	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
94	Evaluation of trace element contents in canned foods marketed from Turkey. Food Chemistry, 2007, 102, 1089-1095.	4.2	71
95	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
96	Biosorption of antimony from aqueous solution by lichen (Physcia tribacia) biomass. Chemical Engineering Journal, 2010, 163, 382-388.	6.6	71
97	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
98	Antimony(III) Adsorption from Aqueous Solution Using Raw Perlite and Mn-Modified Perlite: Equilibrium, Thermodynamic, and Kinetic Studies. Industrial & Engineering Chemistry Research, 2012, 51, 6877-6886.	1.8	70
99	Ultrasound assisted deep eutectic solvent based on dispersive liquid liquid microextraction of arsenic speciation in water and environmental samples by electrothermal atomic absorption spectrometry. Journal of Molecular Liquids, 2017, 242, 441-446.	2.3	69
100	Separation and preconcentration of Cu(II), Pb(II), Zn(II), Fe(III) and Cr(III) ions with coprecipitation method without carrier element and their determination in food and water samples. Food Chemistry, 2015, 177, 320-324.	4.2	66
101	Polyhydroxybutyrate-b-polyethyleneglycol block copolymer for the solid phase extraction of lead and copper in water, baby foods, tea and coffee samples. Food Chemistry, 2014, 152, 75-80.	4.2	64
102	Separation and preconcentration of trivalent chromium in environmental waters by using deep eutectic solvent with ultrasound-assisted based dispersive liquid-liquid microextraction method. Journal of Molecular Liquids, 2019, 291, 111299.	2.3	64
103	Column system using diaion HP-2MG for determination of some metal ions by flame atomic absorption spectrometry. Analytica Chimica Acta, 2004, 504, 325-334.	2.6	63
104	Pressure-assisted ionic liquid dispersive microextraction of vanadium coupled with electrothermal atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2013, 28, 1441.	1.6	62
105	Pyrocatechol violet impregnated magnetic graphene oxide for magnetic solid phase microextraction of copper in water, black tea and diet supplements. Food Chemistry, 2020, 321, 126737.	4.2	60
106	Speciation of Mn(II), Mn(VII) and total manganese in water and food samples by coprecipitationâ€“atomic absorption spectrometry combination. Journal of Hazardous Materials, 2010, 173, 773-777.	6.5	59
107	Interfacial polymerization of trimesoyl chloride with melamine and palygorskite for efficient uranium ions ultra-removal. Chemical Engineering Research and Design, 2020, 159, 353-361.	2.7	59
108	Copper(II)-8-hydroxquinoline coprecipitation system for preconcentration and separation of cobalt(II) and manganese(II) in real samples. Journal of Hazardous Materials, 2007, 147, 832-837.	6.5	57

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109	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. Food and Chemical Toxicology, 2011, 49, 458-463.	1.8	54
110	A solid phase extraction procedure for Indium prior to its graphite furnace atomic absorption spectrometric determination. Journal of Hazardous Materials, 2006, 129, 179-185.	6.5	53
111	Speciation and separation of Cr(VI) and Cr(III) using coprecipitation with Ni2+/2-Nitroso-1-naphthol-4-sulfonic acid and determination by FAAS in water and food samples. Food and Chemical Toxicology, 2009, 47, 2601-2605.	1.8	53
112	A new robust, deep eutectic-based floating organic droplets microextraction method for determination of lead in a portable syringe system directly couple with FAAS. Talanta, 2019, 196, 71-77.	2.9	53
113	Trace metal levels in mushroom samples from Ordu, Turkey. Food Chemistry, 2005, 91, 463-467.	4.2	52
114	Biosorption of aluminum on Pseudomonas aeruginosa loaded on Chromosorb 106 prior to its graphite furnace atomic absorption spectrometric determination. Journal of Hazardous Materials, 2008, 154, 519-525.	6.5	52
115	Magnetic stirrer induced dispersive ionic-liquid microextraction for the determination of vanadium in water and food samples prior to graphite furnace atomic absorption spectrometry. Food Chemistry, 2015, 172, 161-165.	4.2	52
116	A biosorption system for metal ions on Penicillium italicum â€“ loaded on Sepabeads SP 70 prior to flame atomic absorption spectrometric determinations. Journal of Hazardous Materials, 2008, 152, 1171-1178.	6.5	51
117	Graphite furnace atomic absorption spectrometric detection of vanadium in water and food samples after solid phase extraction on multiwalled carbon nanotubes. Talanta, 2013, 116, 205-209.	2.9	51
118	A simple, rapid and green ultrasound assisted and ionic liquid dispersive microextraction procedure for the determination of tin in foods employing ETAAS. Food Chemistry, 2018, 245, 380-384.	4.2	51
119	Kinetic and equilibrium studies of Pb(II) and Cd(II) removal from aqueous solution onto colemanite ore waste. Desalination, 2009, 249, 260-266.	4.0	50
120	Inorganic arsenic speciation in water samples by miniaturized solid phase microextraction using a new polystyrene polydimethyl siloxane polymer in micropipette tip of syringe system. Talanta, 2016, 161, 450-458.	2.9	50
121	Honeybees and honey as monitors for heavy metal contamination near thermal power plants in Mugla, Turkey. Toxicology and Industrial Health, 2016, 32, 507-516.	0.6	50
122	Green and innovative technique develop for the determination of vanadium in different types of water and food samples by eutectic solvent extraction method. Food Chemistry, 2020, 306, 125638.	4.2	50
123	In-situ formation/decomposition of deep eutectic solvent during solidification of floating organic droplet-liquid-liquid microextraction method for the extraction of some antibiotics from honey prior to high performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2021, 1660, 462653.	1.8	50
124	Synthesis, characterization and evaluation of carbon nanofiber modified-polymer for ultra-removal of thorium ions from aquatic media. Chemical Engineering Research and Design, 2020, 163, 76-84.	2.7	48
125	Simultaneous ICP-OES determination of trace metals in water and food samples after their preconcentration on silica gel functionalized with N-(2-aminoethyl)-2,3-dihydroxybenzaldimine. Journal of Industrial and Engineering Chemistry, 2015, 27, 245-250.	2.9	47
126	Ultrasound-assisted ionic liquid-based dispersive liquidâ€“liquid microextraction for preconcentration of patent blue V and its determination in food samples by UVâ€“visible spectrophotometry. Environmental Monitoring and Assessment, 2015, 187, 203.	1.3	47

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127	Cr(VI) and Cr(III) speciation on Bacillus sphaericus loaded diaion SP-850 resin. Journal of Hazardous Materials, 2007, 144, 549-555.	6.5	46
128	Determination of Lead, Copper, and Iron in Cosmetics, Water, Soil, and Food Using Polyhydroxybutyrate-B-polydimethyl Siloxane Preconcentration and Flame Atomic Absorption Spectrometry. Analytical Letters, 2015, 48, 1163-1179.	1.0	46
129	A newly synthesized graft copolymer for magnetic solid phase microextraction of total selenium and its electrothermal atomic absorption spectrometric determination in food and water samples. Food Chemistry, 2019, 284, 1-7.	4.2	46
130	Biosorption of As(III) and As(V) from Aqueous Solution by Lichen (Xanthoria parietina) Biomass. Separation Science and Technology, 2010, 45, 463-471.	1.3	44
131	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. Food and Chemical Toxicology, 2012, 50, 2709-2713.	1.8	44
132	Evaluation of carbonized waste tire for development of novel shape stabilized composite phase change material for thermal energy storage. Waste Management, 2020, 103, 352-360.	3.7	44
133	Removal of Cr(VI) From Aqueous Solution by Turkish Vermiculite: Equilibrium, Thermodynamic and Kinetic Studies. Separation Science and Technology, 2008, 43, 3563-3581.	1.3	43
134	Trace element levels in some dried fruit samples from Turkey. International Journal of Food Sciences and Nutrition, 2008, 59, 581-589.	1.3	42
135	Trace metal contents in chewing gums and candies marketed in Turkey. Environmental Monitoring and Assessment, 2009, 149, 283-289.	1.3	42
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145	Bacillus thuringiensis var. israelensis immobilized on Chromosorb 101: A new solid phase extractant for preconcentration of heavy metal ions in environmental samples. Journal of Hazardous Materials, 2008, 150, 357-363.	6.5	39
146	Determination of trace heavy metals in some textile products produced in Turkey. Bulletin of the Chemical Society of Ethiopia, 2008, 22, .	0.5	39
147	Development of a new green non-dispersive ionic liquid microextraction method in a narrow glass column for determination of cadmium prior to couple with graphite furnace atomic absorption spectrometry. Analytica Chimica Acta, 2014, 812, 59-64.	2.6	39
148	Trace element concentrations of some pet foods commercially available in Turkey. Food and Chemical Toxicology, 2010, 48, 2833-2837.	1.8	38
149	Magnetic vermiculite-modified by poly(trimesoyl chloride-melamine) as a sorbent for enhanced removal of bisphenol A. Journal of Environmental Chemical Engineering, 2019, 7, 103436.	3.3	38
150	A new analytical approach for preconcentration, separation and determination of Pb(II) and Cd(II) in real samples using a new adsorbent: Synthesis, characterization and application. Food Chemistry, 2021, 359, 129923.	4.2	38
151	Voltammetric sensor based on bimetallic nanocomposite for determination of favipiravir as an antiviral drug. Mikrochimica Acta, 2021, 188, 434.	2.5	38
152	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.	6.5	37
153	Solid phase microextraction method using a novel polystyrene oleic acid imidazole polymer in micropipette tip of syringe system for speciation and determination of antimony in environmental and food samples. Talanta, 2018, 184, 115-121.	2.9	37
154	A new portable micropipette tip-syringe based solid phase microextraction for the determination of vanadium species in water and food samples. Journal of Industrial and Engineering Chemistry, 2018, 57, 188-192.	2.9	37
155	Trace element content in marine algae species from the Black Sea, Turkey. Environmental Monitoring and Assessment, 2009, 151, 363-368.	1.3	36
156	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.	4.2	35
157	Carbon nanotubes grafted with poly(trimesoyl, m-phenylenediamine) for enhanced removal of phenol. Journal of Environmental Management, 2019, 252, 109660.	3.8	34
158	Heavy metal bioaccumulation by cultivated Agaricus bisporus from artificially enriched substrates. European Food Research and Technology, 1998, 206, 417-419.	0.6	32
159	A Novel Selective Deep Eutectic Solvent Extraction Method for Versatile Determination of Copper in Sediment Samples by ICP-OES. Bulletin of Environmental Contamination and Toxicology, 2017, 99, 264-269.	1.3	32
160	Ultrasound-assisted supramolecular solvent dispersive liquid-liquid microextraction for preconcentration and determination of Cr(VI) in waters and total chromium in beverages and vegetables. Journal of Molecular Liquids, 2021, 329, 115556.	2.3	32
161	Preconcentration and speciation of vanadium by three phases liquidâ€“liquid microextraction prior to electrothermal atomic absorption spectrometry. Journal of Industrial and Engineering Chemistry, 2014, 20, 1825-1829.	2.9	31
162	Simple and green switchable dispersive liquidâ€“liquid microextraction of cadmium in water and food samples. RSC Advances, 2016, 6, 28767-28773.	1.7	31

#	Article	IF	Citations
163	Development of novel simultaneous single step and multistep cloud point extraction method for silver, cadmium and nickel in water samples. Journal of Industrial and Engineering Chemistry, 2016, 35, 93-98.	2.9	31
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