Tasneem Gul Kazi

List of Publications by Year
in descending order

341
papers	9,621
citations	38660
50
h-index	74018
75
g-index
353
all docs	353
docs citations	353
times ranked	8083
citing authors

#	Article	IF	Citations
1	Copper, Chromium, Manganese, Iron, Nickel, and Zinc Levels in Biological Samples of Diabetes Mellitus Patients. Biological Trace Element Research, 2008, 122, 1-18.	1.9	371
2	Heavy metal accumulation in different varieties of wheat (Triticum aestivum L.) grown in soil amended with domestic sewage sludge. Journal of Hazardous Materials, 2009, 164, 1386-1391.	6.5	193
3	Evaluation of arsenic and other physico-chemical parameters of surface and ground water of Jamshoro, Pakistan. Journal of Hazardous Materials, 2009, 166, 662-669.	6.5	178
4	Evaluation of status of toxic metals in biological samples of diabetes mellitus patients. Diabetes Research and Clinical Practice, 2008, 80, 280-288.	1.1	174
5	Speciation of heavy metals in sediment by conventional, ultrasound and microwave assisted single extraction methods: A comparison with modified sequential extraction procedure. Journal of Hazardous Materials, 2008, 154, 998-1006.	6.5	165
6	Evaluation of high levels of fluoride, arsenic species and other physicochemical parameters in underground water of two sub districts of Tharparkar, Pakistan: A multivariate study. Water Research, 2013, 47, 1005-1020.	5.3	162
7	Biosorption studies on powder of stem of Acacia nilotica: Removal of arsenic from surface water. Journal of Hazardous Materials, 2010, 178, 941-948.	6.5	129
8	The correlation of arsenic levels in drinking water with the biological samples of skin disorders. Science of the Total Environment, 2008, 407, 1019-26.	3.9	122
9	Arsenic fractionation in sediments of different origins using BCR sequential and single extraction methods. Journal of Hazardous Materials, 2009, 167, 745-751.	6.5	115
10	Evaluation of Toxic Metals in Blood and Urine Samples of Chronic Renal Failure Patients, before and after Dialysis. Renal Failure, 2008, 30, 737-745.	0.8	110
11	Accumulation of arsenic in different fresh water fish species – potential contribution to high arsenic intakes. Food Chemistry, 2009, 112, 520-524.	4.2	108
12	Speciation of heavy metals in untreated sewage sludge by using microwave assisted sequential extraction procedure. Journal of Hazardous Materials, 2009, 163, 1157-1164.	6.5	103
13	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
14	Optimization of cloud point extraction and solid phase extraction methods for speciation of arsenic in natural water using multivariate technique. Analytica Chimica Acta, 2009, 651, 57-63.	2.6	101
15	Essential Trace and Toxic Element Distribution in the Scalp Hair of Pakistani Myocardial Infarction Patients and Controls. Biological Trace Element Research, 2006, 113, 19-34.	1.9	95
16	Assessment of toxic metals in raw and processed milk samples using electrothermal atomic absorption spectrophotometer. Food and Chemical Toxicology, 2009, 47, 2163-2169.	1.8	90
17	Speciation of heavy metals in untreated domestic wastewater sludge by time saving BCR sequential extraction method. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2007, 42, 649-659.	0.9	87
18	Hollow fiber-based liquid phase microextraction followed by analytical instrumental techniques for quantitative analysis of heavy metal ions and pharmaceuticals. Journal of Pharmaceutical Analysis, 2020, 10, 109-122.	2.4	84

#	Article	IF	Citations
19	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
20	Environmental exposure of lead and iron deficit anemia in children age ranged 1â€"5years: A cross sectional study. Science of the Total Environment, 2010, 408, 5325-5330.	3.9	81
21	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
22	Evaluation of zinc status in whole blood and scalp hair of female cancer patients. Clinica Chimica Acta, 2007, 379, 66-70.	0.5	80
23	Evaluation of an ultrasonic acid digestion procedure for total heavy metals determination in environmental and biological samples. Journal of Hazardous Materials, 2009, 161, 1391-1398.	6.5	79
24	Speciation and evaluation of Arsenic in surface water and groundwater samples: A multivariate case study. Ecotoxicology and Environmental Safety, 2010, 73, 914-923.	2.9	79
25	Evaluation of toxic metals in biological samples (scalp hair, blood and urine) of steel mill workers by electrothermal atomic absorption spectrometry. Toxicology and Industrial Health, 2006, 22, 381-393.	0.6	78
26	Fluoride and arsenic exposure through water and grain crops in Nagarparkar, Pakistan. Chemosphere, 2014, 100, 182-189.	4.2	77
27	Analysis of Heavy Metals in Scalp Hair Samples of Hypertensive Patients by Conventional and Microwave Digestion Methods. Spectroscopy Letters, 2006, 39, 203-214.	0.5	76
28	Variation in accumulation of heavy metals in different verities of sunflower seed oil with the aid of multivariate technique. Food Chemistry, 2009, 115, 318-323.	4.2	75
29	Evaluation of Status of Trace and Toxic Metals in Biological Samples (Scalp Hair, Blood, and Urine) of Normal and Anemic Children of Two Age Groups. Biological Trace Element Research, 2011, 141, 131-149.	1.9	72
30	Respiratory effects in people exposed to arsenic via the drinking water and tobacco smoking in southern part of Pakistan. Science of the Total Environment, 2009, 407, 5524-5530.	3.9	68
31	Application of factorial design in optimization of ultrasonic-assisted extraction of aluminum in juices and soft drinks. Talanta, 2006, 70, 307-314.	2.9	65
32	Cloud point extraction for determination of lead in blood samples of children, using different ligands prior to analysis by flame atomic absorption spectrometry: A multivariate study. Journal of Hazardous Materials, 2011, 192, 1132-1139.	6.5	65
33	Rapid ionic liquid-based ultrasound assisted dual magnetic microextraction to preconcentrate and separate cadmium-4-(2-thiazolylazo)-resorcinol complex from environmental and biological samples. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 123, 194-199.	2.0	65
34	A new efficient indigenous material for simultaneous removal of fluoride and inorganic arsenic species from groundwater. Journal of Hazardous Materials, 2018, 357, 159-167.	6.5	65
35	Simultaneously evaluate the toxic levels of fluoride and arsenic species in underground water of Tharparkar and possible contaminant sources: A multivariate study. Ecotoxicology and Environmental Safety, 2013, 89, 95-107.	2.9	64
36	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

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37	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
38	Exposure of children to arsenic in drinking water in the Tharparkar region of Sindh, Pakistan. Science of the Total Environment, 2016, 544, 653-660.	3.9	63
39	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
40	Evaluation of essential and toxic metals by ultrasound-assisted acid leaching from scalp hair samples of children with macular degeneration patients. Clinica Chimica Acta, 2006, 369, 52-60.	0.5	61
41	Hazardous impact of toxic metals on tobacco leaves grown in contaminated soil by ultrasonic assisted pseudo-digestion: Multivariate study. Journal of Hazardous Materials, 2008, 155, 216-224.	6.5	59
42	Distribution of zinc, copper and iron in biological samples of Pakistani myocardial infarction (1st, 2nd) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	59
43	Evaluating the accumulation of arsenic in maize (Zea mays L.) plants from its growing media by cloud point extraction. Food and Chemical Toxicology, 2010, 48, 3051-3057.	1.8	57
44	Preconcentration of toxic elements in artificial saliva extract of different smokeless tobacco products by dual-cloud point extraction. Microchemical Journal, 2014, 112, 42-49.	2.3	57
45	Correlation of cadmium and aluminum in blood samples of kidney disorder patients with drinking water and tobacco smoking: related health risk. Environmental Geochemistry and Health, 2016, 38, 265-274.	1.8	56
46	Occupational exposure of lead and cadmium on adolescent and adult workers of battery recycling and welding workshops: Adverse impact on health. Science of the Total Environment, 2020, 720, 137549.	3.9	56
47	Determination of inorganic arsenic species (As3+ and As5+) in muscle tissues of fish species by electrothermal atomic absorption spectrometry (ETAAS). Food Chemistry, 2010, 119, 840-844.	4.2	55
48	Estimation of Toxic Metals in Scalp Hair Samples of Chronic Kidney Patients. Biological Trace Element Research, 2009, 127, 16-27.	1.9	54
49	Determination of toxic elements in infant formulae by using electrothermal atomic absorption spectrometer. Food and Chemical Toxicology, 2009, 47, 1425-1429.	1.8	54
50	Evaluation of arsenic levels in grain crops samples, irrigated by tube well and canal water. Food and Chemical Toxicology, 2011, 49, 265-270.	1.8	53
51	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
52	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
53	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
54	Application of ultrasonically modified cloud point extraction method for simultaneous enrichment of cadmium and lead in sera of different types of gallstone patients. Ultrasonics Sonochemistry, 2017, 39, 313-320.	3.8	50

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55	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
56	Potassium, Calcium, Magnesium, and Sodium Levels in Biological Samples of Hypertensive and Nonhypertensive Diabetes Mellitus Patients. Biological Trace Element Research, 2008, 124, 206-224.	1.9	48
57	Hazardous impact and translocation of vanadium (V) species from soil to different vegetables and grasses grown in the vicinity of thermal power plant. Journal of Hazardous Materials, 2011, 190, 738-743.	6.5	48
58	A new dispersive liquidâ€"liquid microextraction using ionic liquid based microemulsion coupled with cloud point extraction for determination of copper in serum and water samples. Ecotoxicology and Environmental Safety, 2016, 126, 186-192.	2.9	48
59	Determination of Cadmium and Lead in Biological Samples by Three Ultrasonic-Based Samples Treatment Procedures Followed by Electrothermal Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2007, 90, 470-478.	0.7	47
60	Determination of toxic elements in different brands of cigarette by atomic absorption spectrometry using ultrasonic assisted acid digestion. Environmental Monitoring and Assessment, 2009, 154, 155-167.	1.3	47
61	A multivariate study: Variation in uptake of trace and toxic elements by various varieties of Sorghum bicolor L.. Journal of Hazardous Materials, 2008, 158, 644-651.	6.5	45
62	Status of essential trace metals in biological samples of diabetic mother and their neonates. Archives of Gynecology and Obstetrics, 2009, 280, 415-423.	0.8	45
63	Status of Toxic Metals in Biological Samples of Diabetic Mothers and Their Neonates. Biological Trace Element Research, 2011, 143, 196-212.	1.9	45
64	Evaluation of aluminum contents in different bakery foods by electrothermal atomic absorption spectrometer. Journal of Food Composition and Analysis, 2007, 20, 226-231.	1.9	44
65	Co-exposure of arsenic and cadmium through drinking water and tobacco smoking: Risk assessment on kidney dysfunction. Environmental Science and Pollution Research, 2015, 22, 350-357.	2.7	44
66	Evaluation of toxic elements in baby foods commercially available in Pakistan. Food Chemistry, 2010, 119, 1313-1317.	4.2	43
67	Investigation of essential trace and toxic elements in biological samples (blood, serum and scalp hair) of liver cirrhotic/cancer female patients before and after mineral supplementation. Clinical Nutrition, 2012, 31, 967-973.	2.3	43
68	Temperature controlled ionic liquid-based dispersive micro-extraction using two ligands, for determination of aluminium in scalp hair samples of Alzheimerâ€™s patients: A multivariate study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 877-885.	2.0	43
69	Application of conventional and modified cloud point extraction for simultaneous enrichment of cadmium, lead and copper in lake water and fish muscles. Journal of Industrial and Engineering Chemistry, 2016, 40, 137-144.	2.9	43
70	Comparison of electrothermal and hydride generation atomic absorption spectrometry for the determination of total arsenic in broiler chicken. Food Chemistry, 2009, 113, 1351-1355.	4.2	41
71	Separation and preconcentration of aluminum in parenteral solutions and bottled mineral water using different analytical techniques. Journal of Hazardous Materials, 2009, 172, 780-785.	6.5	41
72	Separation and preconcentration of trace amounts of aluminum ions in surface water samples using different analytical techniques. Talanta, 2009, 80, 158-162.	2.9	41

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73	Interaction of cadmium and zinc in biological samples of smokers and chewing tobacco female mouth cancer patients. Journal of Hazardous Materials, 2010, 176, 985-991.	6.5	41
74	Exposure of heavy metals in coal gangue soil, in and outside the mining area using BCR conventional and vortex assisted and single step extraction methods. Impact on orchard grass. Chemosphere, 2020, 255, 126960.	4.2	41
75	Improved Extraction Method for the Determination of Iron, Copper, and Nickel in New Varieties of Sunflower Oil by Atomic Absorption Spectroscopy. Journal of AOAC INTERNATIONAL, 2008, 91, 400-407.	0.7	40
76	Nafion stabilized ibuprofenâ€"gold nanostructures modified screen printed electrode as arsenic(III) sensor. Journal of Electroanalytical Chemistry, 2012, 682, 77-82.	1.9	40
77	A rapid ultrasonic energy assisted preconcentration method for simultaneous extraction of lead and cadmium in various cosmetic brands using deep eutectic solvent: A multivariate study. Ultrasonics Sonochemistry, 2019, 51, 40-48.	3.8	40
78	Cloud point extraction of vanadium in pharmaceutical formulations, dialysate and parenteral solutions using 8-hydroxyquinoline and nonionic surfactant. Journal of Hazardous Materials, 2010, 182, 371-376.	6.5	39
79	Association between essential trace and toxic elements in scalp hair samples of smokers rheumatoid arthritis subjects. Science of the Total Environment, 2011, 412-413, 93-100.	3.9	39
80	Single step in-syringe system for ionic liquid based liquid microextraction combined with flame atomic absorption spectrometry for lead determination. Journal of Analytical Atomic Spectrometry, 2012, 27, 1960.	1.6	39
81	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
82	Application of dual-cloud point extraction for the trace levels of copper in serum of different viral hepatitis patients by flame atomic absorption spectrometry: A multivariate study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 133, 651-656.	2.0	39
83	Interaction between carcinogenic and anti-carcinogenic trace elements in the scalp hair samples of different types of Pakistani female cancer patients. Clinica Chimica Acta, 2015, 439, 178-184.	0.5	39
84	Determination of essential elements (Cu, Fe and Zn) in juices of commercially available in Pakistan. Food and Chemical Toxicology, 2010, 48, 2737-2740.	1.8	38
85	Vortex-assisted liquidâ€"liquid microextraction coupled to flame atomic absorption spectrometry for lead determination: ionic liquid based microextraction using Triton X-100 as dispersant. Analytical Methods, 2012, 4, 4091.	1.3	38
86	A new solid phase microextraction method using organic ligand in micropipette tip syringe system packed with modified carbon cloth for preconcentration of cadmium in drinking water and blood samples of kidney failure patients. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 138, 296-302.	2.0	38
87	A novel strategy for chromium speciation at ultra-trace level by microsample injection flame atomic absorption spectrophotometry. Journal of Analytical Atomic Spectrometry, 2012, 27, 1509.	1.6	37
88	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
89	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
90	Biosorptive removal of inorganic arsenic species and fluoride from aqueous medium by the stem of Tecomella undulate. Chemosphere, 2016, 150, 320-328.	4.2	36

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91	Effect of zinc supplementation on the zinc level in serum and urine and their relation to thyroid hormone profile in male and female goitrous patients. Clinical Nutrition, 2009, 28, 162-168.	2.3	35
92	Evaluation of cadmium and zinc in biological samples of tobacco and alcohol user male mouth cancer patients. Human and Experimental Toxicology, 2010, 29, 221-230.	1.1	35
93	Interaction Between Zinc, Cadmium, and Lead in Scalp Hair Samples of Pakistani and Irish Smokers Rheumatoid Arthritis Subjects in Relation to Controls. Biological Trace Element Research, 2012, 148, 139-147.	1.9	35
94	Evaluation of Toxic Elements in Scalp Hair Samples of Myocardial Infarction Patients at Different Stages as Related to Controls. Biological Trace Element Research, 2010, 134, 1-12.	1.9	34
95	Interaction of Copper with Iron, Iodine, and Thyroid Hormone Status in Goitrous Patients. Biological Trace Element Research, 2010, 134, 265-279.	1.9	34
96	Evaluation of Cadmium, Chromium, Nickel, and Zinc in Biological Samples of Psoriasis Patients Living in Pakistani Cement Factory Area. Biological Trace Element Research, 2011, 142, 284-301.	1.9	34
97	Hazardous impact of arsenic on tissues of same fish species collected from two ecosystem. Journal of Hazardous Materials, 2009, 167, 511-515.	6.5	33
98	The influence of environmental exposure on lead concentrations in scalp hair of children in Pakistan. Ecotoxicology and Environmental Safety, 2011, 74, 727-732.	2.9	33
99	Evaluation of selenium in biological sample of arsenic exposed female skin lesions and skin cancer patients with related to non-exposed skin cancer patients. Science of the Total Environment, 2011, 409, 3092-3097.	3.9	33
100	Preconcentration of lead from aqueous solution with activated carbon cloth prior to analysis by flame atomic absorption spectrometry: a multivariate study. Journal of Analytical Atomic Spectrometry, 2013, 28, 601.	1.6	32
101	Levels of Arsenic, Cadmium, Lead, Manganese and Zinc in Biological Samples of Paralysed Steel Mill Workers with Related to Controls. Biological Trace Element Research, 2011, 144, 164-182.	1.9	31
102	Simultaneous preconcentration of toxic elements in artificial saliva extract of smokeless tobacco product, mainpuri by cloud point extraction method. Ecotoxicology and Environmental Safety, 2013, 92, 289-296.	2.9	31
103	Comparative metal distribution in scalp hair of Pakistani and Irish referents and diabetes mellitus patients. Clinica Chimica Acta, 2013, 415, 207-214.	0.5	31
104	Hazardous impact of organic arsenical compounds in chicken feed on different tissues of broiler chicken and manure. Ecotoxicology and Environmental Safety, 2013, 87, 120-123.	2.9	31
105	Interaction Between Essential Elements Selenium and Zinc with Cadmium and Mercury in Samples from Hypertensive Patients. Biological Trace Element Research, 2014, 160, 185-196.	1.9	31
106	Simple and green switchable dispersive liquid–liquid microextraction of cadmium in water and food samples. RSC Advances, 2016, 6, 28767-28773.	1.7	31
107	Switchable dispersive liquid–liquid microextraction for lead enrichment: a green alternative to classical extraction techniques. Analytical Methods, 2016, 8, 904-911.	1.3	31
108	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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109	Application of Fractional Factorial Design and Doehlert Matrix in the Optimization of Experimental Variables Associated with the Ultrasonic-Assisted Acid Digestion of Chocolate Samples for Aluminum Determination by Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2007, 90, 1682-1688.	0.7	30
110	Determination of trace quantity of aluminium in dialysate concentrates using solid phase and cloud point extraction methods. Analytical Methods, 2010, 2, 558.	1.3	30
111	Interaction of Lead with Calcium, Iron, and Zinc in the Biological Samples of Malnourished Children. Biological Trace Element Research, 2018, 183, 209-217.	1.9	30
112	Comparative Study of Liver Cancer Patients in Arsenic Exposed and Non-exposed Areas of Pakistan. Biological Trace Element Research, 2011, 144, 86-96.	1.9	29
113	Translocation of arsenic contents in vegetables from growing media of contaminated areas. Ecotoxicology and Environmental Safety, 2012, 75, 27-32.	2.9	29
114	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. Biological Trace Element Research, 2013, 156, 49-55.	1.9	27
115	A green and efficient in-syringe ionic liquid-based single step microextraction procedure for preconcentration and determination of cadmium in water samples. Journal of Industrial and Engineering Chemistry, 2015, 27, 149-152.	2.9	27
116	Arsenic Exposure in Children through Drinking Water in Different Districts of Sindh, Pakistan. Biological Trace Element Research, 2016, 173, 35-46.	1.9	27
117	A simple separation/preconcentration method for the determination of aluminum in drinking water and biological sample. Desalination, 2011, 281, 215-220.	4.0	26
118	Interactions Between Cadmium and Zinc in the Biological Samples of Pakistani Smokers and Nonsmokers Cardiovascular Disease Patients. Biological Trace Element Research, 2011, 139, 257-268.	1.9	26
119	Development of an extractive spectrophotometric method for uranium using MWCNTs as solid phase and arsenazo(III) as chromophore. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 1239-1245.	0.7	26
120	Determination of trace levels of selenium in natural water, agriculture soil and food samples by vortex assisted liquid-liquid microextraction method: Multivariate techniques. Food Chemistry, 2021, 344, 128706.	4.2	26
121	Estimation of Copper and Iron Burden in Biological Samples of Various Stages of Hepatitis C and Liver Cirrhosis Patients. Biological Trace Element Research, 2014, 160, 197-205.	1.9	25
122	Simultaneous determination of silver and other heavy metals in aquatic environment receiving wastewater from industrial area, applying an enrichment method. Arabian Journal of Chemistry, 2016, 9, 105-113.	2.3	25
123	The effects of arsenic contaminated drinking water of livestock on its total levels in milk samples of different cattle: Risk assessment in children. Chemosphere, 2016, 165, 427-433.	4.2	25
124	Evaluated the adverse effects of cadmium and aluminum via drinking water to kidney disease patients: Application of a novel solid phase microextraction method. Environmental Toxicology and Pharmacology, 2016, 43, 242-247.	2.0	25
125	Optimization of Ultrasonic-Assisted Acid Extraction of Mercury in Muscle Tissues of Fishes Using Multivariate Strategy. Journal of AOAC INTERNATIONAL, 2009, 92, 1580-1586.	0.7	24
126	Evaluation of Status of Cadmium, Lead, and Nickel Levels in Biological Samples of Normal and Night Blindness Children of Age Groups 3â€"7 and 8â€"12ÂYears. Biological Trace Element Research, 2011, 142, 350-361.	1.9	24

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127	Effects of Mineral Supplementation on Liver Cirrhotic/Cancer Male Patients. Biological Trace Element Research, 2012, 150, 81-90.	1.9	24
128	Cloud Point Extraction and Flame Atomic Absorption Spectrometric Determination of Cadmium and Nickel in Drinking and Wastewater Samples. Journal of AOAC INTERNATIONAL, 2013, 96, 447-452.	0.7	24
129	Estimation of toxic elements in the samples of different cigarettes and their effect on the essential elemental status in the biological samples of Irish smoker rheumatoid arthritis consumers. Environmental Monitoring and Assessment, 2015, 187, 157.	1.3	24
130	Ultrasonic-energy enhance the ionic liquid-based dual microextraction to preconcentrate the lead in ground and stored rain water samples as compared to conventional shaking method. Ultrasonics Sonochemistry, 2018, 40, 265-270.	3.8	24
131	Evaluation of Calcium and Magnesium in Scalp Hair Samples of Population Consuming Different Drinking Water: Risk of Kidney Stone. Biological Trace Element Research, 2013, 156, 67-73.	1.9	23
132	Determination of nickel in blood and serum samples of oropharyngeal cancer patients consumed smokeless tobacco products by cloud point extraction coupled with flame atomic absorption spectrometry. Environmental Science and Pollution Research, 2014, 21, 12017-12027.	2.7	23
133	Relationship between Toxic Metals Exposure via Cigarette Smoking and Rheumatoid Arthritis. Clinical Laboratory, 2014, 60, 1735-45.	0.2	23
134	Association of Environmental Toxic Elements in Biological Samples of Myocardial Infarction Patients at Different Stages. Biological Trace Element Research, 2011, 141, 26-40.	1.9	22
135	Distribution of Copper, Iron, and Zinc in Biological Samples (Scalp Hair, Serum, Blood, and Urine) of Pakistani Viral Hepatitis (A–E) Patients and Controls. Biological Trace Element Research, 2011, 143, 116-130.	1.9	22
136	Case–control study of male cancer patients exposed to arsenic-contaminated drinking water and tobacco smoke with relation to non-exposed cancer patients. Human and Experimental Toxicology, 2011, 30, 2013-2022.	1.1	22
137	Arsenic in coal of the Thar coalfield, Pakistan, and its behavior during combustion. Environmental Science and Pollution Research, 2015, 22, 8559-8566.	2.7	22
138	Application of modified cloud point extraction method for the chromium speciation in artificial saliva extracts of different snuff products. Journal of Industrial and Engineering Chemistry, 2018, 59, 320-327.	2.9	22
139	Evaluation of Toxic Risk Assessment of Arsenic in Male Subjects Through Drinking Water in Southern Sindh Pakistan. Biological Trace Element Research, 2011, 143, 772-786.	1.9	21
140	Evaluation of water quality parameters in drinking water of district Bannu, Pakistan: Multivariate study. Sustainability of Water Quality and Ecology, 2014, 3-4, 114-123.	2.0	21
141	Solid phase microextraction of trace levels of copper in serum samples of hepatitis B patients, on activated carbon cloth modified with an ionic liquid by using a syringe mountable filter technique. Journal of Analytical Atomic Spectrometry, 2014, 29, 2362-2370.	1.6	21
142	The evaluation of sequentially extracted mercury fractions in Thar coal samples by using different extraction schemes. International Journal of Coal Geology, 2016, 156, 50-58.	1.9	21
143	Novel fluoride selective voltammetric sensing method by amino phenylboronic acid-zirconium oxide nanoparticles modified gold electrode. Microchemical Journal, 2022, 174, 107073.	2.3	21
144	Separation/Preconcentration Methods for the Determination of Aluminum in Dialysate Solution and Scalp Hair Samples of Kidney Failure Patients. Biological Trace Element Research, 2011, 144, 205-216.	1.9	20

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145	Biosorption Characteristics of Indigenous Plant Material for Trivalent Arsenic Removal from Groundwater: Equilibrium and Kinetic Studies. Separation Science and Technology, 2012, 47, 1044-1054.	1.3	20
146	Ionic Liquid-Based Ultrasound-Assisted Emulsification Microextraction of Cadmium in Biological Samples: Optimization by a Multivariate Approach. Analytical Letters, 2015, 48, 1751-1766.	1.0	20
147	Vortex-assisted ionic liquid-based dispersive liquid–liquid microextraction for assessment of chromium species in artificial saliva extract of different chewing tobacco products. Environmental Science and Pollution Research, 2016, 23, 25288-25298.	2.7	20
148	A new green switchable hydrophobic–hydrophilic transition dispersive solid–liquid microextraction of selenium in water samples. Analytical Methods, 2016, 8, 2756-2763.	1.3	20
149	Ultrasonic assisted deep eutectic solvent liquid–liquid microextraction using azadipyrromethene dye as complexing agent for assessment of chromium species in environmental samples by electrothermal atomic absorption spectrometry. Applied Organometallic Chemistry, 2018, 32, e4319.	1.7	20
150	Bioaccumulation of arsenic and fluoride in vegetables from growing media: health risk assessment among different age groups. Environmental Geochemistry and Health, 2019, 41, 1223-1234.	1.8	20
151	Cadmium and Lead Hazardous Impact Assessment of Pond Fish Species. Biological Trace Element Research, 2019, 191, 502-511.	1.9	20
152	Determination of Arsenic in Scalp Hair Samples from Exposed Subjects Using Microwave-Assisted Digestion With and Without Enrichment Based on Cloud Point Extraction by Electrothermal Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2011, 94, 293-299.	0.7	19
153	Choline Chloride–Oxalic Acid as a Deep Eutectic Solvent–Based Innovative Digestion Method for the Determination of Selenium and Arsenic in Fish Samples. Journal of AOAC INTERNATIONAL, 2018, 101, 1183-1189.	0.7	19
154	An environmental friendly enrichment method for microextraction of cadmium and lead in groundwater samples: Impact on biological sample of children. Chemosphere, 2019, 237, 124444.	4.2	19
155	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. Journal of the Iranian Chemical Society, 2019, 16, 687-694.	1.2	19
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