Hassan Imran Afridi

List of Publications by Year
in descending order

184 papers	3,860 citations	109321 35 h-index	189892 50 g-index
193 all docs	193 docs citations	193 times ranked	4164 citing authors

#	Article	IF	Citations
1	Evaluation of status of toxic metals in biological samples of diabetes mellitus patients. Diabetes Research and Clinical Practice, 2008, 80, 280-288.	2.8	174
2	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.	12.4	165
3	Arsenic fractionation in sediments of different origins using BCR sequential and single extraction methods. Journal of Hazardous Materials, 2009, 167, 745-751.	12.4	115
4	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.	1.7	87
5	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.	8.0	81
6	Evaluation of zinc status in whole blood and scalp hair of female cancer patients. Clinica Chimica Acta, 2007, 379, 66-70.	1.1	80
7	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.	1.4	78
8	Fluoride and arsenic exposure through water and grain crops in Nagarparkar, Pakistan. Chemosphere, 2014, 100, 182-189.	8.2	77
9	Analysis of Heavy Metals in Scalp Hair Samples of Hypertensive Patients by Conventional and Microwave Digestion Methods. Spectroscopy Letters, 2006, 39, 203-214.	1.0	76
10	Application of factorial design in optimization of ultrasonic-assisted extraction of aluminum in juices and soft drinks. Talanta, 2006, 70, 307-314.	5.5	65
11	A new efficient indigenous material for simultaneous removal of fluoride and inorganic arsenic species from groundwater. Journal of Hazardous Materials, 2018, 357, 159-167.	12.4	65
12	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.	1.1	61
13	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.	3.4	56
14	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.	8.0	56
15	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.	8.2	50
16	Potassium, Calcium, Magnesium, and Sodium Levels in Biological Samples of Hypertensive and Nonhypertensive Diabetes Mellitus Patients. Biological Trace Element Research, 2008, 124, 206-224.	3.5	48
17	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.	6.0	48
18	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.	1.5	47

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19	Serum lipid profile as a marker of liver impairment in hepatitis B Cirrhosis patients. Lipids in Health and Disease, 2017, 16, 51.	3.0	47
20	Status of essential trace metals in biological samples of diabetic mother and their neonates. Archives of Gynecology and Obstetrics, 2009, 280, 415-423.	1.7	45
21	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.	5.0	43
22	Temperature controlled ionic liquid-based dispersive micro-extraction using two ligands, for determination of aluminium in scalp hair samples of Alzheimer's patients: A multivariate study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 877-885.	3.9	43
23	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.	5.8	43
24	Quick determination of melamine in infant powder and liquid milk by Fourier transform infrared spectroscopy. Analytical Methods, 2014, 6, 5269-5273.	2.7	42
25	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.	8.2	41
26	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.	1.5	40
27	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.	8.2	40
28	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.	3.0	39
29	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.	5.4	39
30	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.	3.9	39
31	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.	1.1	39
32	Vortex-assisted liquid–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.	2.7	38
33	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.	3.9	38
34	Methods for the Determination of Endocrine-Disrupting Phthalate Esters. Critical Reviews in Analytical Chemistry, 2016, 46, 146-159.	3.5	38
35	Biosorptive removal of inorganic arsenic species and fluoride from aqueous medium by the stem of Tecomella undulate. Chemosphere, 2016, 150, 320-328.	8.2	36
36	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.	2.2	35

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37	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.	3.5	34
38	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.	3.5	34
39	The influence of environmental exposure on lead concentrations in scalp hair of children in Pakistan. Ecotoxicology and Environmental Safety, 2011, 74, 727-732.	6.0	33
40	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.	8.0	33
41	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.	3.0	32
42	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.	3.5	31
43	Interaction Between Essential Elements Selenium and Zinc with Cadmium and Mercury in Samples from Hypertensive Patients. Biological Trace Element Research, 2014, 160, 185-196.	3.5	31
44	Switchable dispersive liquid–liquid microextraction for lead enrichment: a green alternative to classical extraction techniques. Analytical Methods, 2016, 8, 904-911.	2.7	31
45	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.	1.5	30
46	Determination of trace quantity of aluminium in dialysate concentrates using solid phase and cloud point extraction methods. Analytical Methods, 2010, 2, 558.	2.7	30
47	Interaction of Lead with Calcium, Iron, and Zinc in the Biological Samples of Malnourished Children. Biological Trace Element Research, 2018, 183, 209-217.	3.5	30
48	Arsenic Exposure in Children through Drinking Water in Different Districts of Sindh, Pakistan. Biological Trace Element Research, 2016, 173, 35-46.	3.5	27
49	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.	3.5	26
50	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.	1.5	26
51	Contamination profile of aflatoxin M1 residues in milk supply chain of Sindh, Pakistan. Toxicology Reports, 2015, 2, 1418-1422.	3.3	25
52	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.	8.2	25
53	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.	4.0	25
54	Optimization of Ultrasonic-Assisted Acid Extraction of Mercury in Muscle Tissues of Fishes Using Multivariate Strategy. Journal of AOAC INTERNATIONAL, 2009, 92, 1580-1586.	1.5	24

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55	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.	3.5	24
56	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.	2.7	24
57	Biosorption of mercury(II) from aqueous solution by fungal biomass <i>Pleurotus eryngii</i>: Isotherm, kinetic, and thermodynamic studies. Environmental Progress and Sustainable Energy, 2016, 35, 1274-1282.	2.3	24
58	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.	8.2	24
59	Association of Environmental Toxic Elements in Biological Samples of Myocardial Infarction Patients at Different Stages. Biological Trace Element Research, 2011, 141, 26-40.	3.5	22
60	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.	3.0	21
61	Vortex-assisted ionic liquid-based dispersive liquidâ€"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.	5.3	20
62	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.	3.4	20
63	Cadmium and Lead Hazardous Impact Assessment of Pond Fish Species. Biological Trace Element Research, 2019, 191, 502-511.	3.5	20
64	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.	1.5	19
65	On-line preconcentration and determination of ultra trace amounts of mercury using surfactant coated alumina modified by dithizone with cold vapor atomic absorption spectrometry. RSC Advances, 2014, 4, 3326-3331.	3.6	19
66	An environmental friendly enrichment method for microextraction of cadmium and lead in groundwater samples: Impact on biological sample of children. Chemosphere, 2019, 237, 124444.	8.2	19
67	Evaluation of total contents of Al, As, Ca, Cd, Fe, K, Mg, Ni, Pb, Zn and their fractions leached to the infusions of different tea samples. A multivariate study. Chemical Speciation and Bioavailability, 2007, 19, 163-173.	2.0	18
68	Arsenic speciation and other parameters of surface and ground water samples of Jamshoro, Pakistan. International Journal of Environmental Analytical Chemistry, 2012, 92, 28-42.	3.3	18
69	Effect of Trace and Toxic Elements of Different Brands of Cigarettes on the Essential Elemental Status of Irish Referent and Diabetic Mellitus Consumers. Biological Trace Element Research, 2015, 167, 209-224.	3.5	18
70	Temperature-controlled ionic liquid-based ultrasound-assisted microextraction for preconcentration of trace quantity of cadmium and nickel by using organic ligand in artificial saliva extract of smokeless tobacco products. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 138, 387-394.	3.9	18
71	Effective Bioremediation of Endocrine-Disrupting Phthalate Esters, Mediated by Bacillus Strains. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	18
72	Volatilization of toxic elements from coal samples of Thar coal field, after burning at different temperature and their mobility from ash: Risk assessment. Chemosphere, 2019, 217, 35-41.	8.2	17

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73	Estimation of toxic elements in the samples of different cigarettes and their impact on human health of Irish hypertensive consumers. Clinica Chimica Acta, 2013, 426, 51-57.	1.1	16
74	Evaluation of calcium and lead interaction, in addition to their impact on thyroid functions in hyper and hypothyroid patients. Environmental Science and Pollution Research, 2016, 23, 878-886.	5.3	16
75	A new tunable dispersive liquid-liquid micro extraction method developed for the simultaneous preconcentration of lead and cadmium from lakes water: a multivariate study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 417-424.	3.9	16
76	Serum lipids as an indicator for the alteration of liver function in patients with hepatitis B. Lipids in Health and Disease, 2018, 17, 36.	3.0	15
77	Exposure of cadmium via smoking and drinking water on zinc levels of biological samples of malnutrition pregnant women: A prospective cohort study. Environmental Toxicology and Pharmacology, 2018, 63, 48-54.	4.0	15
78	Determination of Toxic Elements in Muscle Tissues of Five Fish Species Using Ultrasoundâ€‘Assisted Pseudodigestion by Electrothermal Atomic Absorption Spectrophotometry: Optimization Study. Spectroscopy Letters, 2007, 40, 861-878.	1.0	14
79	Ultrasound-Assisted Pseudodigestion for Toxic Metals Determination in Fish Muscles Followed by Electrothermal Atomic Absorption Spectrophotometry: Multivariate Strategy. Journal of AOAC INTERNATIONAL, 2007, 90, 1118-1127.	1.5	14
80	Chromium and Manganese Levels in Biological Samples of Pakistani Myocardial Infarction Patients at Different Stages as Related to Controls. Biological Trace Element Research, 2011, 142, 259-273.	3.5	13
81	Evaluation of the fate of arsenic-contaminated groundwater at different aquifers of Thar coalfield Pakistan. Environmental Science and Pollution Research, 2015, 22, 19251-19263.	5.3	13
82	Variation of calcium, copper and iron levels in serum, bile and stone samples of patients having different types of gallstone: A comparative study. Clinica Chimica Acta, 2017, 471, 254-262.	1.1	13
83	Evaluation of Arsenic, Cadmium, Nickel and Lead in Common Spices in Pakistan. Biological Trace Element Research, 2019, 187, 586-595.	3.5	13
84	Effect of Ultrasound Agitation on the Release of Heavy Elements in Certified Reference Material of Human Hair (CRM BCR 397). Journal of AOAC INTERNATIONAL, 2006, 89, 1410-1416.	1.5	12
85	Determination of Copper and Iron in Biological Samples of Viral Hepatitis (Aâ€"E) Female Patients. Biological Trace Element Research, 2009, 129, 78-87.	3.5	12
86	Occupational and environmental lead exposure to adolescent workers in battery recycling workshops. Toxicology and Industrial Health, 2015, 31, 1288-1295.	1.4	12
87	Correlation of Arsenic Levels in Smokeless Tobacco Products and Biological Samples of Oral Cancer Patients and Control Consumers. Biological Trace Element Research, 2015, 168, 287-295.	3.5	12
88	Estimation of Nickel in Different Smokeless Tobacco Products and Their Impact on Human Health of Oral Cancer Patients. Nutrition and Cancer, 2015, 67, 1063-1074.	2.0	12
89	Assessment of Toxic Metal Uptake by Different Vegetables Grown on Soils Amended with Poultry Waste: Risk Assessment. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	12
90	Ultrasonically Dispersed Ionic Liquid-Based Microextraction of Lead in Biological Samples of Malnourished Children Prior to Analysis by Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2018, 101, 883-890.	1.5	12

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91	Developed a modified liquid–liquid micro-extraction method for the preconcentration of cadmium in groundwater samples of aquifers at different depth in a coal mining area. International Journal of Environmental Analytical Chemistry, 0, , 1-12.	3.3	12
92	Essential trace elemental levels (zinc, iron and copper) in the biological samples of smoker referent and pulmonary tuberculosis patients. Toxicology Reports, 2019, 6, 1230-1239.	3.3	12
93	Evaluation of status of zinc, copper, and iron levels in biological samples of normal and arthritis patients in age groups 46-60 and 61-75 years. Clinical Laboratory, 2012, 58, 705-17.	0.5	12
94	Evaluation of Bioavailability and Partitioning of Aluminum in Sediment Samples of Different Ecosystems by Modified Sequential Extraction Methods. Clean - Soil, Air, Water, 2013, 41, 808-815.	1.1	11
95	Assessment of selenium and mercury in biological samples of normal and night blindness children of age groups (3–7) and (8–12) years. Environmental Monitoring and Assessment, 2015, 187, 82.	2.7	11
96	Determination of trace levels of iron in serum samples of hepatitis B and C patients using dispersive liquid–liquid microextraction. Analytical Methods, 2015, 7, 9211-9217.	2.7	11
97	A population assessment of mercury exposure from two cities of Pakistan with respect to freshwater and marine fish consumption. Toxicology and Industrial Health, 2016, 32, 1033-1041.	1.4	11
98	Selective Electroanalytical Method for the Determination of Roxarsone in Poultry Feed and Litter. Food Analytical Methods, 2016, 9, 2142-2151.	2.6	11
99	Ultrasonic energy enhanced the efficiency of advance extraction methodology for enrichment of trace level of copper in serum samples of patients having neurological disorders. Ultrasonics Sonochemistry, 2017, 37, 23-28.	8.2	11
100	Leaching of phthalate esters from different drinking stuffs and their subsequent biodegradation. Environmental Science and Pollution Research, 2017, 24, 18663-18671.	5.3	11
101	A innovative switchable polarity solvent, based on 1,8–diazabicyclo–[5.4.0]–undec–7–ene and decanol was prepared for enrichment of aluminum in biological sample prior to analysis by flame atomic absorption spectrometry. Applied Organometallic Chemistry, 2018, 32, e4157.	3.5	11
102	Fractionation of lead in lignite coal samples of Thar coalfield, Pakistan by time–saving single–step based on BCR sequential extraction scheme. Environmental Progress and Sustainable Energy, 2020, 39, e13439.	2.3	11
103	Preconcentration of Cadmium in Water and Hair by Supramolecular Solvent-Based Dispersive Liquid–Liquid Microextraction. Analytical Letters, 2016, 49, 2436-2445.	1.8	10
104	Evaluate the adverse impact of metal oxide on workers of different age groups that engage with gas metal arc welding process: health risk assessment. Environmental Science and Pollution Research, 2021, 28, 8652-8661.	5.3	10
105	Distribution of Copper, Iron, and Zinc in Biological Samples of Pakistani Hypertensive Patients and Referent Subjects of Different Age Groups. Clinical Laboratory, 2013, 59, 959-67.	0.5	10
106	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, 470-8.	1.5	10
107	Evaluation of calcium, magnesium, potassium, and sodium in biological samples (scalp hair, serum,) Tj ETQq1 1 0.784314 rgBT /Overl[ex] Laboratory, 2012, 58, 7-18.	0.5	10
108	Evaluation of status of arsenic, cadmium, lead and zinc levels in biological samples of normal and arthritis patients of age groups (46 - 60) and (61 - 75) years. Clinical Laboratory, 2013, 59, 143-53.	0.5	10

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109	Effect of liming on the distribution of heavy metals in untreated industrial sewage sludge produced in Pakistan for the cultivation of Sorghum bicolor (L.). The Environmentalist, 2008, 28, 366-375.	0.7	9
110	Evaluation of Essential Trace and Toxic Elements in Biological Samples of Normal and Night Blindness Children of Age Groups 3–7 and 8–12 Years. Biological Trace Element Research, 2011, 143, 20-40.	3.5	9
111	Lead Assessment in Biological Samples of Children with Different Gastrointestinal Disorders. Biological Trace Element Research, 2016, 169, 41-45.	3.5	9
112	Correlation of Cadmium and Magnesium in the Blood and Serum Samples of Smokers and Non-Smokers Chronic Leukemia Patients. Biological Trace Element Research, 2017, 176, 81-88.	3.5	9
113	Determination of Cadmium in Human Serum and Blood Samples after Dispersive Liquid–Liquid Microextraction Using a Task-Specific Ionic Liquid. Analytical Letters, 2018, 51, 673-685.	1.8	9
114	A tandem ionic liquid–based dispersive microextraction method using in–syringe air–assisted vesicle system for rapid determination of lead and cadmium in artificial sweat extract of facial cosmetic products. Applied Organometallic Chemistry, 2020, 34, e5784.	3.5	9
115	Microwave-Assisted Acid Extraction of Selenium from Medicinal Plants Followed by Electrothermal Atomic Absorption Spectrometric Determination. Journal of AOAC INTERNATIONAL, 2010, 93, 694-702.	1.5	8
116	Chromium and Manganese Levels in Biological Samples of Normal and Night Blindness Children of Age Groups (3–7) and (8–12) Years. Biological Trace Element Research, 2011, 143, 103-115.	3.5	8
117	Scalp hair and blood cadmium levels in association with chewing gutkha, mainpuri, and snuff, among patients with oral cancer in Pakistan. Journal of Oral Pathology and Medicine, 2015, 44, 707-713.	2.7	8
118	Simultaneously removal of inorganic arsenic species from stored rainwater in arsenic endemic area by leaves of Tecomella undulata: a multivariate study. Environmental Science and Pollution Research, 2016, 23, 15149-15163.	5.3	8
119	Chromium Exposure in the Adult Population, Consuming Different Types of Smokeless Tobacco Products in Pakistan. Biological Trace Element Research, 2017, 175, 312-321.	3.5	8
120	Solid Phase Extraction Preconcentration Method for Simultaneous Determination of Cadmium, Lead, and Nickel in Poultry Supplements. Journal of AOAC INTERNATIONAL, 2017, 100, 1062-1069.	1.5	8
121	Effects of high fluoride content in livestock drinking water on milk samples of different cattle in endemic area of Pakistan: risk assessment for children. Environmental Science and Pollution Research, 2018, 25, 12909-12914.	5.3	8
122	Correlation of Calcium and Magnesium Levels in the Biological Samples of Different Types of Acute Leukemia Children. Biological Trace Element Research, 2018, 186, 395-406.	3.5	8
123	Fast voltammetric assay of water soluble phthalates in bottled and coolers water. Analytical Methods, 2010, 2, 844.	2.7	7
124	Evaluation of Status of Zinc, Copper, and Iron Levels in Biological Samples of Normal Children and Children with Night Blindness with Age Groups of 3–7 and 8–12 Years. Biological Trace Element Research, 2011, 142, 323-334.	3.5	7
125	Variation in the Levels of Aluminum and Manganese in Scalp Hair Samples of the Patients Having Different Psychiatric Disorders with Related to Healthy Subjects. Biological Trace Element Research, 2015, 168, 67-73.	3.5	7
126	Toxic Risk Assessment of Arsenic in Males Through Drinking Water in Tharparkar Region of Sindh, Pakistan. Biological Trace Element Research, 2016, 172, 61-71.	3.5	7

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127	Selenium Contents in Different Types of Raw and Processed Meat Products, Consumed Among the General Population of Pakistan. Biological Trace Element Research, 2020, 193, 357-363.	3.5	7
128	Evaluation of arsenic, cadmium, lead, nickel, and zinc in biological samples (scalp hair, blood, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2011, 57, 867-78.	0.5	7
129	Preconcentration and determination of manganese in biological samples by dual cloud point extraction and coupled with flame atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2014, , .	3.0	6
130	Interaction Between Selenium and Mercury in Biological Samples of Pakistani Myocardial Infarction Patients at Different Stages as Related to Controls. Biological Trace Element Research, 2014, 158, 143-151.	3.5	6
131	Estimation of calcium, magnesium, cadmium, and lead in biological samples from paralyzed quality control and production steel mill workers. Environmental Monitoring and Assessment, 2015, 187, 350.	2.7	6
132	Development of new portable miniaturize solid phase microextraction of silver-APDC complex using micropipette tip in-syringe system couple with electrothermal atomic absorption spectrometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 154, 157-163.	3.9	6
133	Evaluates the chemical fractions of arsenic bounded to solid matrixes of thar coalfield of pakistan by sequential extraction method. Environmental Progress and Sustainable Energy, 2017, 36, 1667-1675.	2.3	6
134	Eco-efficient Fungal Biomass for the Removal of Pb(II) Ions from Water System: A Sorption Process and Mechanism. International Journal of Environmental Research, 2017, 11, 315-325.	2.3	6
135	Correlation of lithium levels between drinking water obtained from different sources and scalp hair samples of adult male subjects. Environmental Geochemistry and Health, 2017, 39, 1191-1199.	3.4	6
136	Efficient entrapping of toxic Pb(II) ions from aqueous system on a fixed-bed column of fungal biosorbent. , 2018, 2, 39-44.		6
137	Vortex-Assisted Modified Dispersive Liquid–Liquid Microextraction of Trace Levels of Cadmium in Surface Water and Groundwater Samples of Tharparkar, Pakistan, Optimized by Multivariate Technique. Journal of AOAC INTERNATIONAL, 2018, 101, 858-866.	1.5	6
138	Geochemical exposure of heavy metals in environmental samples from the vicinity of old gas mining area in northern part of Sindh Pakistan. Adverse impact on children. Environmental Pollution, 2019, 255, 113305.	7.5	6
139	Macro and micro mineral composition of Pakistani common spices: a case study. Journal of Food Measurement and Characterization, 2019, 13, 2529-2541.	3.2	6
140	Evaluation of zinc and cadmium levels in the biological samples of Ewing sarcomas patients and healthy subjects. Clinica Chimica Acta, 2021, 522, 1-7.	1.1	6
141	Compare the nutritional status of essential minerals in milk of different cattle and humans: Estimated daily intake for children. Journal of Food Composition and Analysis, 2022, 105, 104214.	3.9	6
142	Evaluation of zinc, copper and iron in biological samples (scalp hair, blood and urine) of tuberculosis and diarrhea male human immunodeficiency virus patients. Clinical Laboratory, 2011, 57, 677-88.	0.5	6
143	Human exposure to toxic elements through facial cosmetic products: Dermal risk assessment. Regulatory Toxicology and Pharmacology, 2022, 131, 105145.	2.7	6
144	An environmental field assessment of soil quality and phytoremediation of toxic metals from saline soil by selected halophytes. Journal of Environmental Health Science & Engineering, 2022, 20, 535-544.	3.0	6

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145	Synthesis, structure determination and chemoselective catalytic studies of amino acids complexes of osmium(II). Applied Organometallic Chemistry, 2008, 22, 187-192.	3.5	5
146	Determination of Total Selenium in Pharmaceutical and Herbal Supplements by Hydride Generation and Graphite Furnace Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2014, 97, 1696-1700.	1.5	5
147	Evaluation of heavy metal bioavailability in soil amended with poultry manure using single and BCR sequential extractions. International Journal of Environmental Analytical Chemistry, 2015, , 1-14.	3.3	5
148	DMF-based ionic liquid promoted efficient cycloaddition of vinylarenes with active alkynes. Green Chemistry Letters and Reviews, 2017, 10, 274-284.	4.7	5
149	Evaluate the effect of cadmium on levels of zinc in scalp hair and blood samples of smoker and nonsmoker psoriatic patients at different stage. Environmental Science and Pollution Research, 2019, 26, 31763-31769.	5.3	5
150	A switchable ionic liquid with polarity swing–assisted regeneration properties used for the preconcentration of cadmium in biological samples. Applied Organometallic Chemistry, 2020, 34, e5263.	3.5	5
151	Potassium, calcium, magnesium, and sodium levels in biological samples of Pakistani myocardial infarction patients at different stages as related to controls. Clinical Laboratory, 2010, 56, 427-39.	0.5	5
152	Evaluation of arsenic, cadmium, lead, and nickel in biological samples (scalp hair, serum, blood, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	5
153	Essential trace and toxic elemental concentrations in biological samples of male adult referent and Eunuch subjects. Clinica Chimica Acta, 2022, 529, 96-103.	1.1	5
154	Determining the level of essential elements in patients with Ewing Sarcoma: A correlation. Environmental Research, 2022, 211, 113035.	7.5	5
155	Development of Extraction Methods for Speciation Analysis of Selenium in Aqueous Extracts of Medicinal Plants. Journal of AOAC INTERNATIONAL, 2011, 94, 1069-1075.	1.5	4
156	Rapid In Situ Esterification Method for the Determination of Benzoic Acid in Dairy Milk by GC-FID. Food Analytical Methods, 2015, 8, 1477-1483.	2.6	4
157	Evaluate the exposure of toxic metals via drinking water and smoking nonbranded cigarette in malnourished women by modified single/two-step cloud point extraction. Environmental Science and Pollution Research, 2020, 27, 14543-14552.	5.3	4
158	Microwave-assisted single-step extraction method for determination of heavy metals in saline soil and compare with conventional sequential extraction method. Environmental Earth Sciences, 2021, 80, 1.	2.7	4
159	Interaction Between Essential (Zn) and Toxic (Cd) Elements in Different Stages of Female Breast Cancer Patients, Resident in Different Cities of Sindh, Pakistan. Biological Trace Element Research, 2022, 200, 1117-1126.	3.5	4
160	Selective electrochemical sensing of cefixime by silver nanoparticle amalgam paste microelectrode. Journal of Materials Science: Materials in Electronics, 2022, 33, 13926-13938.	2.2	4
161	Comparison of urinary iodide determination in female thyroid patients by two techniques. Russian Journal of Electrochemistry, 2011, 47, 1355-1362.	0.9	3
162	Ultrasonic assisted ionic liquid based microextraction for preconcentration and determination of aluminum in drinking water, blood and urine samples of kidney failure patients: Multivariate study. Analytical Methods, 0, , .	2.7	3

#	Article	IF	Citations
163	One-pot conjugated linoleic acid production from castor oil by <i>Rhizopus oryzae</i> lipase and resting cells of <i>Lactobacillus plantarum</i>. Bioscience, Biotechnology and Biochemistry, 2017, 81, 2002-2008.	1.3	3
164	Utilization of Pleurotus eryngii biosorbent as an environmental bioremedy for the decontamination of trace cadmium(II) ions from water system. Water Science and Technology, 2018, 78, 1148-1158.	2.5	3
165	Accumulation of Essential and Trace Elements in Guar (Cyamopsis tetragonoloba) and Guar Gum Cultivated in Semi-arid Regions of Sindh, Pakistan. Biological Trace Element Research, 2020, 194, 581-588.	3.5	3
166	Sodium, Potassium, Calcium, and Magnesium in the Scalp Hair and Blood Samples Related to the Clinical Stages of the Parkinsonâ€™s Disease. Biological Trace Element Research, 2021, 199, 2582-2589.	3.5	3
167	Determination of lead in groundwater samples of three aquifers of a coal mining area at various depths using advance extraction methodology. International Journal of Environmental Analytical Chemistry, 2023, 103, 6662-6674.	3.3	3
168	Evaluation of Calcium, Magnesium, Potassium and Sodium in Biological Samples of Male Human Immunodeficiency Virus Patients with Tuberculosis and Diarrhea Compared to Healthy Control Subjects in Pakistan. Clinical Laboratory, 2013, 59, 539-50.	0.5	3
169	Evaluation of the Methyl and Inorganic Mercury in Infant Formula Milk and Cereals Samples: Estimated Risk Assessment in Children under 2.0 Years. ACS Food Science & Technology, 0, , .	2.7	3
170	Evaluation of status of calcium, magnesium, potassium, and sodium levels in biological samples in children of different age groups with normal vision and night blindness. Clinical Laboratory, 2011, 57, 559-74.	0.5	3
171	Heavy metals contamination levels in the products of sugar industry along with their impact from sugar to the end users. International Journal of Environmental Analytical Chemistry, 0, , 1-10.	3.3	3
172	Determination of Arsenic Scalp Hair of Pakistani Children and Drinking Water for Environmental Risk Assessment. Human and Ecological Risk Assessment (HERA), 2011, 17, 966-980.	3.4	2
173	Development of green miniaturize dispersive ionic liquid nano-emulsion method for preconcentration of cadmium from canal and waste water samples prior to couple with graphite furnace atomic absorption spectrometry. Analytical Methods, 2014, , .	2.7	2
174	Statistical methodology for biosorption of nitrate (NO3 â¯˜) ions from aqueous solution by Pleurotus eryngii fungal biomass. Modeling Earth Systems and Environment, 2017, 3, 1101-1112.	3.4	2
175	Volatilisation of selenium from coals by heating at different temperature: application of sequential extraction scheme on ash. International Journal of Environmental Analytical Chemistry, 0, , 1-10.	3.3	2
176	Development of Online Method for Simultaneous Preconcentration of Cd, Cu, Ni and Zn in Environmental Samples Using Modified Alumina. Analytical Chemistry Letters, 2017, 7, 655-662.	1.0	1
177	Efficiency of different green shaking extraction methods for the preconcentration of trace quantity of mercury in artificial saliva extract of snuff products: impact on adult consumers. Chemical Papers, 2021, 75, 3005-3015.	2.2	1
178	Adverse impact of occupational exposure on Laborers of cement industry have scalp psoriasis and Pityriasis amiantacea with deficiency of zinc and selenium: impact of mineral supplement. Environmental Science and Pollution Research, 2021, , 1.	5.3	1
179	Evaluation of chromium, cobalt and manganese in biological samples (scalp hair, blood, and urine) of Pakistani viral hepatitis (A-E) patients and controls. Clinical Laboratory, 2013, 59, 247-56.	0.5	1
180	Simultaneous quantification of essential and toxic elements from mangoes fruit and its juices. International Journal of Environmental Analytical Chemistry, 0, , 1-7.	3.3	1

#	Article	IF	Citations
181	Determination of Mercury in Artificial Saliva Extract of Chewing Tobacco by Dispersive Liquid–Liquid Micro-Extraction Using Electrothermal Atomic Absorption Spectrometry (ETAAS). Analytical Letters, 2022, 55, 2185-2198.	1.8	1
182	Evaluation of Toxic Metals and Their Exposure via Drinking Water of Different Origin Using Multivariate Technique: Health Risk Assessment. Analytical Chemistry Letters, 2016, 6, 272-285.	1.0	0
183	Evaluation of calcium, magnesium, potassium, and sodium in biological samples of Pakistani viral hepatitis (A-E) patients and controls. Clinical Laboratory, 2011, 57, 387-96.	0.5	0
184	Impacts of Smoking and Stomach Disorders on Essential Elements in Biological Samples of Cement and Glass Industrial Workers. Biological Trace Element Research, 2022, , 1.	3.5	0