

Jameel Ahmed Baig

List of Publications by Year in descending order

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165
papers

5,725
citations

76322

40
h-index

95259

68
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174
all docs

174
docs citations

174
times ranked

5622
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Novel fluoride selective voltammetric sensing method by amino phenylboronic acid-zirconium oxide nanoparticles modified gold electrode. Microchemical Journal, 2022, 174, 107073.	4.5	21
5	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
6	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
7	Selective extraction of heavy metals (Fe, Co, Ni) from their aqueous mixtures by Task-Specific salicylate functionalized imidazolium based ionic liquid. Journal of Cleaner Production, 2022, 344, 131119.	9.3	16
8	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
9	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
10	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
11	Sodium, Potassium, Calcium, and Magnesium in the Scalp Hair and Blood Samples Related to the Clinical Stages of the Parkinson's Disease. Biological Trace Element Research, 2021, 199, 2582-2589.	3.5	3
12	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
13	Interaction between Cadmium and Zinc Levels in the Biological Samples of Type 1 Diabetic Mellitus Children, Reside in Different Areas of Sindh, Pakistan. American Journal of Analytical Chemistry, 2021, 12, 241-259.	0.9	2
14	Elemental Concentrations in Biological Samples of Coronavirus Disease (COVID-19) and Other Pulmonary Disease Patients. American Journal of Analytical Chemistry, 2021, 12, 162-187.	0.9	0
15	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
16	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
17	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
18	Calcium and Lead Levels in the Biological Samples and Their Effect on the Biochemical Parameters of Indoor and Outdoor Workers of Five Zonal Areas of Coal Mining Field. American Journal of Analytical Chemistry, 2021, 12, 260-276.	0.9	1

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19	A switchable ionic liquid with polarity swing-assisted regeneration properties used for the preconcentration of cadmium in biological samples. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5263.	3.5	5
20	Novel nontoxic electrochemical method for the detection of cefadroxil in pharmaceutical formulations and biological samples. <i>Microchemical Journal</i> , 2020, 154, 104574.	4.5	14
21	Deep-eutectic-solvent-based dispersive and emulsification liquid-liquid microextraction methods for the speciation of selenium in water and determining its total content levels in milk formula and cereals. <i>Analytical Methods</i> , 2020, 12, 5186-5194.	2.7	16
22	Simultaneous preconcentration of toxic elements in eye makeup products through single drop ionic liquid based non-dispersive microextraction method using narrow glass column: Multivariate application. <i>Microchemical Journal</i> , 2020, 157, 104963.	4.5	11
23	Fractionation of lead in lignite coal samples of Thar coalfield, Pakistan by time-saving single-step based on BCR sequential extraction scheme. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13439.	2.3	11
24	Evaluate the exposure of toxic metals via drinking water and smoking nonbranded cigarette in malnourished women by modified single/two-step cloud point extraction. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14543-14552.	5.3	4
25	Occupational exposure of lead and cadmium on adolescent and adult workers of battery recycling and welding workshops: Adverse impact on health. <i>Science of the Total Environment</i> , 2020, 720, 137549.	8.0	56
26	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. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5784.	3.5	9
27	Quantitative Assessment of Some Toxic Elements and Physicochemical Parameters in Wastewater of Dyeing Industry: A Case Study. <i>Pakistan Journal of Analytical and Environmental Chemistry</i> , 2020, 21, 132-139.	0.5	8
28	Evaluation of Arsenic, Cadmium, Nickel and Lead in Common Spices in Pakistan. <i>Biological Trace Element Research</i> , 2019, 187, 586-595.	3.5	13
29	An environmental friendly enrichment method for microextraction of cadmium and lead in groundwater samples: Impact on biological sample of children. <i>Chemosphere</i> , 2019, 237, 124444.	8.2	19
30	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. <i>Environmental Pollution</i> , 2019, 255, 113305.	7.5	6
31	Macro and micro mineral composition of Pakistani common spices: a case study. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2529-2541.	3.2	6
32	Essential trace elemental levels (zinc, iron and copper) in the biological samples of smoker referent and pulmonary tuberculosis patients. <i>Toxicology Reports</i> , 2019, 6, 1230-1239.	3.3	12
33	Bioaccumulation of arsenic and fluoride in vegetables from growing media: health risk assessment among different age groups. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1223-1234.	3.4	20
34	Cadmium and Lead Hazardous Impact Assessment of Pond Fish Species. <i>Biological Trace Element Research</i> , 2019, 191, 502-511.	3.5	20
35	Volatilization of toxic elements from coal samples of Thar coal field, after burning at different temperature and their mobility from ash: Risk assessment. <i>Chemosphere</i> , 2019, 217, 35-41.	8.2	17
36	A new efficient indigenous material for simultaneous removal of fluoride and inorganic arsenic species from groundwater. <i>Journal of Hazardous Materials</i> , 2018, 357, 159-167.	12.4	65

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37	Exposure of cadmium via smoking and drinking water on zinc levels of biological samples of malnutrition pregnant women: A prospective cohort study. <i>Environmental Toxicology and Pharmacology</i> , 2018, 63, 48-54.	4.0	15
38	Quantification of Hexavalent Chromium in Surface Water Samples by a Selective Electrochemical Method. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 577-586.	1.5	7
39	A new tunable dispersive liquid-liquid micro extraction method developed for the simultaneous preconcentration of lead and cadmium from lakes water: a multivariate study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 417-424.	3.9	16
40	Evaluates the chemical fractions of arsenic bounded to solid matrixes of thar coalfield of pakistan by sequential extraction method. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1667-1675.	2.3	6
41	Correlation of lithium levels between drinking water obtained from different sources and scalp hair samples of adult male subjects. <i>Environmental Geochemistry and Health</i> , 2017, 39, 1191-1199.	3.4	6
42	Chromium Exposure in the Adult Population, Consuming Different Types of Smokeless Tobacco Products in Pakistan. <i>Biological Trace Element Research</i> , 2017, 175, 312-321.	3.5	8
43	Solid Phase Extraction Preconcentration Method for Simultaneous Determination of Cadmium, Lead, and Nickel in Poultry Supplements. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1062-1069.	1.5	8
44	Synthesis and bio-molecular study of (+)-N-Acetyl- β -amino acid dehydroabietylamine derivative for the selective therapy of hepatocellular carcinoma. <i>BMC Cancer</i> , 2016, 16, 883.	2.6	3
45	Simultaneously removal of inorganic arsenic species from stored rainwater in arsenic endemic area by leaves of <i>Tecomella undulata</i> : a multivariate study. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15149-15163.	5.3	8
46	Assessment of Toxic Metal Uptake by Different Vegetables Grown on Soils Amended with Poultry Waste: Risk Assessment. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	12
47	Application of conventional and modified cloud point extraction for simultaneous enrichment of cadmium, lead and copper in lake water and fish muscles. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 40, 137-144.	5.8	43
48	The evaluation of sequentially extracted mercury fractions in Thar coal samples by using different extraction schemes. <i>International Journal of Coal Geology</i> , 2016, 156, 50-58.	5.0	21
49	Arsenic Exposure in Children through Drinking Water in Different Districts of Sindh, Pakistan. <i>Biological Trace Element Research</i> , 2016, 173, 35-46.	3.5	27
50	Selective Electroanalytical Method for the Determination of Roxarsone in Poultry Feed and Litter. <i>Food Analytical Methods</i> , 2016, 9, 2142-2151.	2.6	11
51	Biosorptive removal of inorganic arsenic species and fluoride from aqueous medium by the stem of <i>Tecomella undulate</i> . <i>Chemosphere</i> , 2016, 150, 320-328.	8.2	36
52	A new dispersive liquid-liquid microextraction using ionic liquid based microemulsion coupled with cloud point extraction for determination of copper in serum and water samples. <i>Ecotoxicology and Environmental Safety</i> , 2016, 126, 186-192.	6.0	48
53	Exposure of children to arsenic in drinking water in the Tharparkar region of Sindh, Pakistan. <i>Science of the Total Environment</i> , 2016, 544, 653-660.	8.0	63
54	Toxic Risk Assessment of Arsenic in Males Through Drinking Water in Tharparkar Region of Sindh, Pakistan. <i>Biological Trace Element Research</i> , 2016, 172, 61-71.	3.5	7

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55	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
56	Comparison of essential and toxic elements in esophagus, lung, mouth and urinary bladder male cancer patients with related to controls. Environmental Science and Pollution Research, 2015, 22, 7705-7715.	5.3	15
57	Arsenic in coal of the Thar coalfield, Pakistan, and its behavior during combustion. Environmental Science and Pollution Research, 2015, 22, 8559-8566.	5.3	22
58	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.	5.3	44
59	Correlation of manganese with thyroid function in females having hypo- and hyperthyroid disorders. Biological Trace Element Research, 2015, 167, 165-171.	3.5	15
60	Monitoring of arsenic fate with proximate parameters and elemental composition of coal from Thar coalfield, Pakistan. Journal of Geochemical Exploration, 2015, 159, 227-233.	3.2	18
61	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
62	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
63	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
64	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
65	Determination of Total Chromium at Ultratrace Levels in Water and Soil Samples by Coprecipitation Microsample Injection System Flame Atomic Absorption Spectrometry. Journal of AOAC INTERNATIONAL, 2014, 97, 1421-1425.	1.5	11
66	Evaluation of fresh and stored rainwater quality in fluoride and arsenic endemic area of Thar Desert, Pakistan. Environmental Monitoring and Assessment, 2014, 186, 8611-8628.	2.7	14
67	Fluoride and arsenic exposure through water and grain crops in Nagarparkar, Pakistan. Chemosphere, 2014, 100, 182-189.	8.2	77
68	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
69	Simultaneous Solid Phase Chelate Extraction for Ultratrace Determination of Copper, Nickel, and Zinc by Microsample Injection System Coupled Flame Atomic Absorption Spectrometry. Analytical Letters, 2013, 46, 2570-2582.	1.8	7
70	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
71	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.	1.5	24
72	Ultratrace Determination of Cr(VI) and Pb(II) by Microsample Injection System Flame Atomic Spectroscopy in Drinking Water and Treated and Untreated Industrial Effluents. Journal of Analytical Methods in Chemistry, 2013, 2013, 1-8.	1.6	5

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73	Samples of Kidney Failure Patients by Cloud Point Extraction and Electrothermal Atomic Absorption Spectroscopy. Journal of AOAC INTERNATIONAL, 2012, 95, 1755-1760.	1.5	5
74	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
75	Biosorption Characteristics of Indigenous Plant Material for Trivalent Arsenic Removal from Groundwater: Equilibrium and Kinetic Studies. Separation Science and Technology, 2012, 47, 1044-1054.	2.5	20
76	Translocation of arsenic contents in vegetables from growing media of contaminated areas. Ecotoxicology and Environmental Safety, 2012, 75, 27-32.	6.0	29
77	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.	3.0	37
78	Simultaneously determination of methyl and inorganic mercury in fish species by cold vapour generation atomic absorption spectrometry. Food Chemistry, 2012, 134, 2345-2349.	8.2	69
79	Evaluation of arsenic levels in grain crops samples, irrigated by tube well and canal water. Food and Chemical Toxicology, 2011, 49, 265-270.	3.6	53
80	Multivariate optimization of cloud point extraction procedure for zinc determination in aqueous extracts of medicinal plants by flame atomic absorption spectrometry. Food and Chemical Toxicology, 2011, 49, 2548-2556.	3.6	42
81	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
82	Cloud point and solid phase extraction of vanadium in surface and bottled mineral water samples using 8-hydroxyquinoline as a complexing reagent. Journal of the Iranian Chemical Society, 2011, 8, 897-907.	2.2	13
83	Inorganic Arsenic Speciation in Groundwater Samples Using Electrothermal Atomic Spectrometry Following Selective Separation and Cloud Point Extraction. Analytical Sciences, 2011, 27, 439-445.	1.6	15
84	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.	12.4	65
85	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
86	A simple separation/preconcentration method for the determination of aluminum in drinking water and biological sample. Desalination, 2011, 281, 215-220.	8.2	26
87	Comparison of urinary iodide determination in female thyroid patients by two techniques. Russian Journal of Electrochemistry, 2011, 47, 1355-1362.	0.9	3
88	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
89	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
90	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.	3.5	72

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91	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
92	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
93	Evaluation of Status of Zinc, Copper, and Iron Levels in Biological Samples of Normal Children and Children with Night Blindness with Age Groups of 3â€“7 and 8â€“12 Years. Biological Trace Element Research, 2011, 142, 323-334.	3.5	7
94	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€“12 Years. Biological Trace Element Research, 2011, 142, 350-361.	3.5	24
95	Evaluation of Essential Trace and Toxic Elements in Biological Samples of Normal and Night Blindness Children of Age Groups 3â€“7 and 8â€“12 Years. Biological Trace Element Research, 2011, 143, 20-40.	3.5	9
96	Chromium and Manganese Levels in Biological Samples of Normal and Night Blindness Children of Age Groups (3â€“7) and (8â€“12) Years. Biological Trace Element Research, 2011, 143, 103-115.	3.5	8
97	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.	3.5	22
98	Determination of Arsenic in Scalp Hair of Children and its Correlation with Drinking Water in Exposed Areas of Sindh Pakistan. Biological Trace Element Research, 2011, 143, 153-162.	3.5	16
99	Status of Toxic Metals in Biological Samples of Diabetic Mothers and Their Neonates. Biological Trace Element Research, 2011, 143, 196-212.	3.5	45
100	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.	3.5	21
101	Comparative Study of Liver Cancer Patients in Arsenic Exposed and Non-exposed Areas of Pakistan. Biological Trace Element Research, 2011, 144, 86-96.	3.5	29
102	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
103	Correlation Between Arsenic Concentration in Fish and Human Scalp Hair of People Living in Arsenic-Contaminated and Noncontaminated Areas of Pakistan. Biological Trace Element Research, 2011, 144, 197-204.	3.5	13
104	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.	3.5	20
105	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.	12.4	48
106	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
107	Evaluation of zinc in scalp hair and blood samples of tuberculosis and diarrhea male human immunodeficiency virus patients. Clinical Laboratory, 2011, 57, 171-81.	0.5	2
108	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

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109	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
110	Effects of selenium supplementation on iodine and thyroid hormone status in a selected population with goitre in Pakistan. Clinical Laboratory, 2011, 57, 575-85.	0.5	12
111	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
112	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
113	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.	12.4	39
114	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
115	Interaction of Copper with Iron, Iodine, and Thyroid Hormone Status in Goitrous Patients. Biological Trace Element Research, 2010, 134, 265-279.	3.5	34
116	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
117	Evaluation of iodine, iron, and selenium in biological samples of thyroid mother and their newly born babies. Early Human Development, 2010, 86, 649-655.	1.8	18
118	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.	12.4	41
119	Biosorption studies on powder of stem of Acacia nilotica: Removal of arsenic from surface water. Journal of Hazardous Materials, 2010, 178, 941-948.	12.4	129
120	Determination of inorganic arsenic species (As ³⁺ and As ⁵⁺) in muscle tissues of fish species by electrothermal atomic absorption spectrometry (ETAAS). Food Chemistry, 2010, 119, 840-844.	8.2	55
121	Evaluation of toxic elements in baby foods commercially available in Pakistan. Food Chemistry, 2010, 119, 1313-1317.	8.2	43
122	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
123	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
124	Evaluation of cadmium, lead, nickel and zinc status in biological samples of smokers and nonsmokers hypertensive patients. Journal of Human Hypertension, 2010, 24, 34-43.	2.2	100
125	Speciation and evaluation of Arsenic in surface water and groundwater samples: A multivariate case study. Ecotoxicology and Environmental Safety, 2010, 73, 914-923.	6.0	79
126	Total mercury determination in different tissues of broiler chicken by using cloud point extraction and cold vapor atomic absorption spectrometry. Food and Chemical Toxicology, 2010, 48, 65-69.	3.6	53

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127	Determination of total mercury in chicken feed, its translocation to different tissues of chicken and their manure using cold vapour atomic absorption spectrometer. Food and Chemical Toxicology, 2010, 48, 1550-1554.	3.6	36
128	Evaluating the accumulation of arsenic in maize (<i>Zea mays</i> L.) plants from its growing media by cloud point extraction. Food and Chemical Toxicology, 2010, 48, 3051-3057.	3.6	57
129	Determination of selenium content in aqueous extract of medicinal plants used as herbal supplement for cancer patients. Food and Chemical Toxicology, 2010, 48, 3327-3332.	3.6	21
130	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
131	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
132	Time-saving application for sequential extraction of heavy metals by optimized BCR method and lixiviation from untreated sewage sludge. Acta Agronomica Hungarica: an International Multidisciplinary Journal in Agricultural Science, 2009, 57, 215-230.	0.2	5
133	Evaluation of arsenic, cobalt, copper and manganese in biological Samples of Steel mill workers by electrothermal atomic absorption Spectrometry. Toxicology and Industrial Health, 2009, 25, 59-69.	1.4	62
134	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.	8.0	68
135	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.	5.0	35
136	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
137	Determination of Copper and Iron in Biological Samples of Viral Hepatitis (A-E) Female Patients. Biological Trace Element Research, 2009, 129, 78-87.	3.5	12
138	Comparison of electrothermal and hydride generation atomic absorption spectrometry for the determination of total arsenic in broiler chicken. Food Chemistry, 2009, 113, 1351-1355.	8.2	41
139	Speciation of heavy metals in untreated sewage sludge by using microwave assisted sequential extraction procedure. Journal of Hazardous Materials, 2009, 163, 1157-1164.	12.4	103
140	Heavy metal accumulation in different varieties of wheat (<i>Triticum aestivum</i> L.) grown in soil amended with domestic sewage sludge. Journal of Hazardous Materials, 2009, 164, 1386-1391.	12.4	193
141	Evaluation of arsenic and other physico-chemical parameters of surface and ground water of Jamshoro, Pakistan. Journal of Hazardous Materials, 2009, 166, 662-669.	12.4	178
142	Hazardous impact of arsenic on tissues of same fish species collected from two ecosystem. Journal of Hazardous Materials, 2009, 167, 511-515.	12.4	33
143	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
144	Separation and preconcentration of aluminum in parenteral solutions and bottled mineral water using different analytical techniques. Journal of Hazardous Materials, 2009, 172, 780-785.	12.4	41

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145	Accumulation of arsenic in different fresh water fish species “ potential contribution to high arsenic intakes. Food Chemistry, 2009, 112, 520-524.	8.2	108
146	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.	5.4	101
147	Assessment of water quality of polluted lake using multivariate statistical techniques: A case study. Ecotoxicology and Environmental Safety, 2009, 72, 301-309.	6.0	517
148	Determination of arsenic levels in lake water, sediment, and foodstuff from selected area of Sindh, Pakistan: Estimation of daily dietary intake. Food and Chemical Toxicology, 2009, 47, 242-248.	3.6	192
149	Determination of toxic elements in infant formulae by using electrothermal atomic absorption spectrometer. Food and Chemical Toxicology, 2009, 47, 1425-1429.	3.6	54
150	Assessment of toxic metals in raw and processed milk samples using electrothermal atomic absorption spectrophotometer. Food and Chemical Toxicology, 2009, 47, 2163-2169.	3.6	90
151	Separation and preconcentration of trace amounts of aluminum ions in surface water samples using different analytical techniques. Talanta, 2009, 80, 158-162.	5.5	41
152	Comparison of Different Extraction Approaches for Heavy Metal Partitioning in Sediment Samples. Pedosphere, 2009, 19, 476-485.	4.0	15
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