

Tasneem Gul Kazi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

336
papers

7,778
citations

45
h-index

68
g-index

353
ext. papers

8,577
ext. citations

4.4
avg, IF

6.09
L-index

#	Paper	IF	Citations
336	Novel fluoride selective voltammetric sensing method by amino phenylboronic acid-zirconium oxide nanoparticles modified gold electrode. <i>Microchemical Journal</i> , 2022 , 174, 107073	4.8	2
335	Essential trace and toxic elemental concentrations in biological samples of male adult referent and Eunuch subjects.. <i>Clinica Chimica Acta</i> , 2022 , 529, 96-103	6.2	0
334	Human exposure to toxic elements through facial cosmetic products: Dermal risk assessment.. <i>Regulatory Toxicology and Pharmacology</i> , 2022 , 131, 105145	3.4	1
333	Impacts of Smoking and Stomach Disorders on Essential Elements in Biological Samples of Cement and Glass Industrial Workers.. <i>Biological Trace Element Research</i> , 2022 , 1	4.5	
332	Compare the nutritional status of essential minerals in milk of different cattle and humans: Estimated daily intake for children. <i>Journal of Food Composition and Analysis</i> , 2021 , 105, 104214	4.1	1
331	Sodium, Potassium, Calcium, and Magnesium in the Scalp Hair and Blood Samples Related to the Clinical Stages of the Parkinson's Disease. <i>Biological Trace Element Research</i> , 2021 , 199, 2582-2589	4.5	1
330	Microwave-assisted single-step extraction method for determination of heavy metals in saline soil and compare with conventional sequential extraction method. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	0
329	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. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	
328	Determination of trace levels of selenium in natural water, agriculture soil and food samples by vortex assisted liquid-liquid microextraction method: Multivariate techniques. <i>Food Chemistry</i> , 2021 , 344, 128706	8.5	8
327	Evaluate the adverse impact of metal oxide on workers of different age groups that engage with gas metal arc welding process: health risk assessment. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 8652-8661	5.1	4
326	Speciation and determination of chromium by ultrasound-assisted deep eutectic solvent liquid-liquid microextraction followed by flame atomic absorption spectrometry. <i>Chemical Papers</i> , 2021 , 75, 717-724	1.9	5
325	Interaction between Cadmium and Zinc Levels in the Biological Samples of Type 1 Diabetic Mellitus Children, Reside in Different Areas of Sindh, Pakistan. <i>American Journal of Analytical Chemistry</i> , 2021 , 12, 241-259	0.7	
324	Elemental Concentrations in Biological Samples of Coronavirus Disease (COVID-19) and Other Pulmonary Disease Patients. <i>American Journal of Analytical Chemistry</i> , 2021 , 12, 162-187	0.7	
323	Evaluation and speciation of cobalt, copper, and zinc in saline soil by microwave-assisted single extraction. <i>Environmental Progress and Sustainable Energy</i> , 2021 , 40, e13610	2.5	
322	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. <i>Chemical Papers</i> , 2021 , 75, 3005-3015	1.9	1
321	Evaluation of zinc and cadmium levels in the biological samples of Ewing sarcomas patients and healthy subjects. <i>Clinica Chimica Acta</i> , 2021 , 522, 1-7	6.2	2
320	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. <i>American Journal of Analytical Chemistry</i> , 2021 , 12, 260-276	0.7	1

319	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	2.5	6
318	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	5.1	1
317	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	10.2	24
316	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. <i>Chemosphere</i> , 2020 , 255, 126960	8.4	14
315	Novel nontoxic electrochemical method for the detection of cefadroxil in pharmaceutical formulations and biological samples. <i>Microchemical Journal</i> , 2020 , 154, 104574	4.8	6
314	Hollow fiber-based liquid phase microextraction followed by analytical instrumental techniques for quantitative analysis of heavy metal ions and pharmaceuticals. <i>Journal of Pharmaceutical Analysis</i> , 2020 , 10, 109-122	14	41
313	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	3.2	7
312	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	4.8	7
311	Green and innovative technique develop for the determination of vanadium in different types of water and food samples by eutectic solvent extraction method. <i>Food Chemistry</i> , 2020 , 306, 125638	8.5	30
310	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	3.1	2
309	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	3.1	5
308	Evaluate the effect of cadmium on levels of zinc in scalp hair and blood samples of smoker and nonsmoker psoriatic patients at different stage. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 31763-31769	5.1	4
307	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	9.3	3
306	Chromium Speciation in Water Samples by Loading a New Sulfide-Containing Biodegradable Polymer Adsorbent in Tip of the Syringe System. <i>Water, Air, and Soil Pollution</i> , 2019 , 230, 1	2.6	7
305	Speciation and Separation of Trace Quantities of Hexavalent and Trivalent Chromium Species in Aqueous Extract of Wild Leafy Vegetables Using Multistep Pre-concentration Method. <i>Food Analytical Methods</i> , 2019 , 12, 1964-1972	3.4	6
304	Macro and micro mineral composition of Pakistani common spices: a case study. <i>Journal of Food Measurement and Characterization</i> , 2019 , 13, 2529-2541	2.8	2
303	Magnetic solid-phase extraction of quercetin on magnetic-activated carbon cloth (MACC). <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 1365-1372	2	9
302	Developed of a Green Water Switchable Liquid-Liquid Microextraction Method for Assessment of Selenium in Food and Soft Drink Samples by Using Hydride Generation Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2019 , 12, 1298-1307	3.4	9

301	Evaluation of Arsenic, Cadmium, Nickel and Lead in Common Spices in Pakistan. <i>Biological Trace Element Research</i> , 2019 , 187, 586-595	4.5	5
300	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	8.4	13
299	Separation and preconcentration of trivalent chromium in environmental waters by using deep eutectic solvent with ultrasound-assisted based dispersive liquid-liquid microextraction method. <i>Journal of Molecular Liquids</i> , 2019 , 291, 111299	6	44
298	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. <i>International Journal of Environmental Analytical Chemistry</i> , 2019 , 1-12	1.8	6
297	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	4.8	7
296	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	4.7	12
295	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. <i>Journal of the Iranian Chemical Society</i> , 2019 , 16, 687-694	2	11
294	Cadmium and Lead Hazardous Impact Assessment of Pond Fish Species. <i>Biological Trace Element Research</i> , 2019 , 191, 502-511	4.5	7
293	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	8.4	13
292	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. <i>Ultrasonics Sonochemistry</i> , 2019 , 51, 40-48	8.9	28
291	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. <i>Talanta</i> , 2018 , 184, 115-121	6.2	22
290	Effects of high fluoride content in livestock drinking water on milk samples of different cattle in endemic area of Pakistan: risk assessment for children. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 12909-12914	5.1	6
289	Ultrasonic assisted deep eutectic solvent liquid-liquid microextraction using azadiopyromethene dye as complexing agent for assessment of chromium species in environmental samples by electrothermal atomic absorption spectrometry. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4319	3.1	17
288	Correlation of Calcium and Magnesium Levels in the Biological Samples of Different Types of Acute Leukemia Children. <i>Biological Trace Element Research</i> , 2018 , 186, 395-406	4.5	5
287	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. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4157	3.1	9
286	Determination of Cadmium in Human Serum and Blood Samples after Dispersive Liquid-Liquid Microextraction Using a Task-Specific Ionic Liquid. <i>Analytical Letters</i> , 2018 , 51, 673-685	2.2	7
285	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. <i>Ultrasonics Sonochemistry</i> , 2018 , 40, 265-270	8.9	18
284	Application of dual cloud point extraction for the enrichment of zinc in serum samples of psychiatric patients prior to analysis by FAAS. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 62, 58-63	6.3	11

283	Deep eutectic solvent based advance microextraction method for determination of aluminum in water and food samples: Multivariate study. <i>Talanta</i> , 2018 , 178, 588-593	6.2	58
282	Interaction of Lead with Calcium, Iron, and Zinc in the Biological Samples of Malnourished Children. <i>Biological Trace Element Research</i> , 2018 , 183, 209-217	4.5	20
281	A new portable micropipette tip-syringe based solid phase microextraction for the determination of vanadium species in water and food samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 57, 188-192	6.3	29
280	Choline Chloride-Oxalic Acid as a Deep Eutectic Solvent-Based Innovative Digestion Method for the Determination of Selenium and Arsenic in Fish Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2018 , 101, 1183-1189	1.7	9
279	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	5.8	10
278	Ultrasonically Dispersed Ionic Liquid-Based Microextraction of Lead in Biological Samples of Malnourished Children Prior to Analysis by Flame Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2018 , 101, 883-890	1.7	8
277	Quantification of Hexavalent Chromium in Surface Water Samples by a Selective Electrochemical Method. <i>Journal of AOAC INTERNATIONAL</i> , 2018 , 101, 577-586	1.7	5
276	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. <i>Journal of AOAC INTERNATIONAL</i> , 2018 , 101, 858-866	1.7	4
275	Evaluation of Sequential Extraction Schemes for the ETAAS Determination of Cadmium Concentrations in Coal Samples from the Thar Coalfield, Pakistan. <i>Atomic Spectroscopy</i> , 2018 , 39, 203-209	3.8	4
274	Application of modified cloud point extraction method for the chromium speciation in artificial saliva extracts of different snuff products. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 59, 320-327	6.3	19
273	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	12.8	42
272	Preconcentration of cadmium and manganese in biological samples based on a novel restricted access sorbents. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 48, 180-185	6.3	1
271	Determination of Arsenic in Water Samples by Using a Green Hydrophobic-Hydrophilic Switchable Liquid-Solid Dispersive Microextraction Method. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	8
270	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	4.4	13
269	Application of ultrasonically modified cloud point extraction method for simultaneous enrichment of cadmium and lead in sera of different types of gallstone patients. <i>Ultrasonics Sonochemistry</i> , 2017 , 39, 313-320	8.9	45
268	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	2.5	4
267	Variation of calcium, copper and iron levels in serum, bile and stone samples of patients having different types of gallstone: A comparative study. <i>Clinica Chimica Acta</i> , 2017 , 471, 254-262	6.2	9
266	Ultrasonic energy enhanced the efficiency of advance extraction methodology for enrichment of trace level of copper in serum samples of patients having neurological disorders. <i>Ultrasonics Sonochemistry</i> , 2017 , 37, 23-28	8.9	10

265	Trace elements in blood samples of smoker and nonsmoker active pulmonary tuberculosis patients from Jamshoro, Pakistan. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 26513-26520	5.1	8
264	Evaluation of Mercury in Environmental Samples by a Supramolecular Solvent-Based Dispersive Liquid-Liquid Microextraction Method Before Analysis by a Cold Vapor Generation Technique. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 782-788	1.7	7
263	Simple and Rapid Dual-Dispersive Liquid-Liquid Microextraction as an Innovative Extraction Method for Uranium in Real Water Samples Prior to the Determination of Uranium by a Spectrophotometric Technique. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 1848-1853	1.7	7
262	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. <i>Talanta</i> , 2017 , 175, 352-358	6.2	75
261	Evaluation of mercury and physicochemical parameters in different depths of aquifer water of Thar coalfield, Pakistan. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 17731-17740	5.1	4
260	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	4.7	2
259	Correlation of Cadmium and Magnesium in the Blood and Serum Samples of Smokers and Non-Smokers Chronic Leukemia Patients. <i>Biological Trace Element Research</i> , 2017 , 176, 81-88	4.5	6
258	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	4.5	5
257	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	1.7	6
256	Evaluation of calcium and lead interaction, in addition to their impact on thyroid functions in hyper and hypothyroid patients. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 878-86	5.1	13
255	Lead Assessment in Biological Samples of Children with Different Gastrointestinal Disorders. <i>Biological Trace Element Research</i> , 2016 , 169, 41-5	4.5	7
254	Simultaneous determination of silver and other heavy metals in aquatic environment receiving wastewater from industrial area, applying an enrichment method. <i>Arabian Journal of Chemistry</i> , 2016 , 9, 105-113	5.9	19
253	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	2.6	7
252	Dispersive ionic liquid microextraction of aluminium from environmental water samples by effervescent generation of carbon dioxide. <i>International Journal of Environmental Analytical Chemistry</i> , 2016 , 96, 729-738	1.8	5
251	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	6.3	37
250	Nanoparticles decorated with a Schiff's base for the microextraction of Cd, Pb, Ni, and Co in environmental samples. <i>Journal of Separation Science</i> , 2016 , 39, 1717-24	3.4	6
249	Correlation of cadmium and aluminum in blood samples of kidney disorder patients with drinking water and tobacco smoking: related health risk. <i>Environmental Geochemistry and Health</i> , 2016 , 38, 265-74	4.7	44
248	A population assessment of mercury exposure from two cities of Pakistan with respect to freshwater and marine fish consumption. <i>Toxicology and Industrial Health</i> , 2016 , 32, 1033-41	1.8	10

247	A green microextraction method in a narrow glass column for copper in artificial saliva extract of smokeless tobacco products. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 34, 27-32	6.3	3
246	Evaluated the adverse effects of cadmium and aluminum via drinking water to kidney disease patients: Application of a novel solid phase microextraction method. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 43, 242-7	5.8	21
245	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	5.5	15
244	Arsenic Exposure in Children through Drinking Water in Different Districts of Sindh, Pakistan. <i>Biological Trace Element Research</i> , 2016 , 173, 35-46	4.5	21
243	Selective Electroanalytical Method for the Determination of Roxarsone in Poultry Feed and Litter. <i>Food Analytical Methods</i> , 2016 , 9, 2142-2151	3.4	5
242	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	8.4	27
241	Preconcentration of Cadmium in Water and Hair by Supramolecular Solvent-Based Dispersive Liquid-Liquid Microextraction. <i>Analytical Letters</i> , 2016 , 49, 2436-2445	2.2	6
240	A new green switchable hydrophobic-hydrophilic transition dispersive solid-liquid microextraction of selenium in water samples. <i>Analytical Methods</i> , 2016 , 8, 2756-2763	3.2	17
239	Switchable dispersive liquid-liquid microextraction for lead enrichment: a green alternative to classical extraction techniques. <i>Analytical Methods</i> , 2016 , 8, 904-911	3.2	27
238	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	7	41
237	Development of novel simultaneous single step and multistep cloud point extraction method for silver, cadmium and nickel in water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 35, 93-98	6.3	28
236	Exposure of children to arsenic in drinking water in the Tharparkar region of Sindh, Pakistan. <i>Science of the Total Environment</i> , 2016 , 544, 653-60	10.2	50
235	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	4.5	4
234	Arsenic speciation in artificial saliva extract of smokeless tobacco products by extraction methodologies coupled with electrothermal atomic absorption spectrometry. <i>Microchemical Journal</i> , 2016 , 124, 290-295	4.8	9
233	Development of new portable miniaturize solid phase microextraction of silver-APDC complex using micropipette tip in-syringe system couple with electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016 , 154, 157-163	4.4	5
232	Simple and green switchable dispersive liquid-liquid microextraction of cadmium in water and food samples. <i>RSC Advances</i> , 2016 , 6, 28767-28773	3.7	27
231	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, 15149-63	5.1	4
230	Determination of Mercury in Environmental Samples by Using Water Exchangeable Liquid-Liquid Microextraction as Green Extraction Method Couple with Cold Vapor Technique. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	5

229	Inorganic arsenic speciation in water samples by miniaturized solid phase microextraction using a new polystyrene polydimethyl siloxane polymer in micropipette tip of syringe system. <i>Talanta</i> , 2016 , 161, 450-458	6.2	41
228	Vortex-assisted ionic liquid-based dispersive liquid-liquid microextraction for assessment of chromium species in artificial saliva extract of different chewing tobacco products. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 25288-25298	5.1	19
227	The effects of arsenic contaminated drinking water of livestock on its total levels in milk samples of different cattle: Risk assessment in children. <i>Chemosphere</i> , 2016 , 165, 427-433	8.4	17
226	Evaluation of Toxic Metals and Their Exposure via Drinking Water of Different Origin Using Multivariate Technique: Health Risk Assessment. <i>Analytical Chemistry Letters</i> , 2016 , 6, 272-285	1	
225	Comparative evaluation of essential and toxic elements in the blood of kidney failure patients and healthy referents. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 37	3.1	10
224	Occupational and environmental lead exposure to adolescent workers in battery recycling workshops. <i>Toxicology and Industrial Health</i> , 2015 , 31, 1288-95	1.8	11
223	Co-exposure of arsenic and cadmium through drinking water and tobacco smoking: risk assessment on kidney dysfunction. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 350-7	5.1	30
222	Correlation of aluminum and manganese concentration in scalp hair samples of patients having neurological disorders. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 10	3.1	8
221	Evaluated the levels of lead and cadmium in scalp hair of adolescent boys consuming different smokeless tobacco products with related to controls. <i>Biological Trace Element Research</i> , 2015 , 164, 178-84	4.5	2
220	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. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 157	3.1	19
219	Correlation of manganese with thyroid function in females having hypo- and hyperthyroid disorders. <i>Biological Trace Element Research</i> , 2015 , 167, 165-71	4.5	9
218	Effect of Trace and Toxic Elements of Different Brands of Cigarettes on the Essential Elemental Status of Irish Referent and Diabetic Mellitus Consumers. <i>Biological Trace Element Research</i> , 2015 , 167, 209-24	4.5	15
217	Estimation of calcium, magnesium, cadmium, and lead in biological samples from paralyzed quality control and production steel mill workers. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 350	3.1	5
216	Estimation of lead in biological samples of oral cancer patients chewing smokeless tobacco products by ionic liquid-based microextraction in a single syringe system. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12396-406	5.1	7
215	Preconcentration and determination of lead and cadmium levels in blood samples of adolescent workers consuming smokeless tobacco products in Pakistan. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 309	3.1	9
214	Variation in the Levels of Aluminum and Manganese in Scalp Hair Samples of the Patients Having Different Psychiatric Disorders with Related to Healthy Subjects. <i>Biological Trace Element Research</i> , 2015 , 168, 67-73	4.5	5
213	Correlation of Arsenic Levels in Smokeless Tobacco Products and Biological Samples of Oral Cancer Patients and Control Consumers. <i>Biological Trace Element Research</i> , 2015 , 168, 287-95	4.5	7
212	A multivariate study of solid phase extraction of beryllium(II) using human hair as adsorbent prior to its spectrophotometric detection. <i>Desalination and Water Treatment</i> , 2015 , 55, 1088-1095		8

211	Monitoring of arsenic fate with proximate parameters and elemental composition of coal from Thar coalfield, Pakistan. <i>Journal of Geochemical Exploration</i> , 2015 , 159, 227-233	3.8	14
210	Determination of trace levels of iron in serum samples of hepatitis B and C patients using dispersive liquid-liquid microextraction. <i>Analytical Methods</i> , 2015 , 7, 9211-9217	3.2	11
209	Evaluation of the fate of arsenic-contaminated groundwater at different aquifers of Thar coalfield Pakistan. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 19251-63	5.1	12
208	Evaluation of heavy metal bioavailability in soil amended with poultry manure using single and BCR sequential extractions. <i>International Journal of Environmental Analytical Chemistry</i> , 2015 , 1-14	1.8	4
207	Estimation of Nickel in Different Smokeless Tobacco Products and Their Impact on Human Health of Oral Cancer Patients. <i>Nutrition and Cancer</i> , 2015 , 67, 1063-74	2.8	7
206	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 138, 387-94	4.4	34
205	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 138, 387-94	4.4	17
204	Interaction between carcinogenic and anti-carcinogenic trace elements in the scalp hair samples of different types of Pakistani female cancer patients. <i>Clinica Chimica Acta</i> , 2015 , 439, 178-84	6.2	32
203	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 877-85	4.4	39
202	Assessment of toxic elements in the samples of different cigarettes and their effect on the essential elemental status in the biological samples of Irish hypertensive consumers. <i>Journal of Human Hypertension</i> , 2015 , 29, 309-15	2.6	8
201	Magnetic stirrer induced dispersive ionic-liquid microextraction for the determination of vanadium in water and food samples prior to graphite furnace atomic absorption spectrometry. <i>Food Chemistry</i> , 2015 , 172, 161-5	8.5	45
200	Scalp hair and blood cadmium levels in association with chewing gutkha, mainpuri, and snuff, among patients with oral cancer in Pakistan. <i>Journal of Oral Pathology and Medicine</i> , 2015 , 44, 707-13	3.3	5
199	Comparison of essential and toxic elements in esophagus, lung, mouth and urinary bladder male cancer patients with related to controls. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 7705-15	5.1	7
198	Arsenic in coal of the Thar coalfield, Pakistan, and its behavior during combustion. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 8559-66	5.1	19
197	Assessment of selenium and mercury in biological samples of normal and night blindness children of age groups (3-7) and (8-12) years. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 82	3.1	10
196	A green and efficient in-syringe ionic liquid-based single step microextraction procedure for preconcentration and determination of cadmium in water samples. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 27, 149-152	6.3	22
195	Ionic Liquid-Based Ultrasound-Assisted Emulsification Microextraction of Cadmium in Biological Samples: Optimization by a Multivariate Approach. <i>Analytical Letters</i> , 2015 , 48, 1751-1766	2.2	19
194	Evaluation of trace and toxic elements in the samples of different cigarettes and their impact on human health of Irish diabetes mellitus patients. <i>Clinical Laboratory</i> , 2015 , 61, 123-40	2	9

193	Estimation of Aluminum, Arsenic, Lead and Nickel Status in the Samples of Different Cigarettes and their Effect on Human Health of Irish Smoker Hypertensive Consumers. <i>Clinical Laboratory</i> , 2015 , 61, 1147-56	2	3
192	Exposure of lead to mothers and their new born infants, residents of industrial and domestic areas of Pakistan. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 3021-30	5.1	15
191	Polyhydroxybutyrate-b-polyethyleneglycol block copolymer for the solid phase extraction of lead and copper in water, baby foods, tea and coffee samples. <i>Food Chemistry</i> , 2014 , 152, 75-80	8.5	58
190	Rapid ionic liquid-based ultrasound assisted dual magnetic microextraction to preconcentrate and separate cadmium-4-(2-thiazolylazo)-resorcinol complex from environmental and biological samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 123, 194-9	4.4	63
189	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. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 , 29, 2362-2370	3.7	19
188	Preconcentration and determination of manganese in biological samples by dual-cloud point extraction coupled with flame atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2014 ,	3.7	3
187	Ultrasonic-assisted ionic liquid-based microextraction for preconcentration and determination of aluminum in drinking water, blood and urine samples of kidney failure patients: a multivariate study. <i>Analytical Methods</i> , 2014 ,	3.2	2
186	Estimation of copper and iron burden in biological samples of various stages of hepatitis C and liver cirrhosis patients. <i>Biological Trace Element Research</i> , 2014 , 160, 197-205	4.5	17
185	Interaction between essential elements selenium and zinc with cadmium and mercury in samples from hypertensive patients. <i>Biological Trace Element Research</i> , 2014 , 160, 185-96	4.5	23
184	Development of green miniaturized dispersive ionic liquid nano-emulsion method for preconcentration of cadmium from canal and waste water samples prior to coupling with graphite furnace atomic absorption spectrometry. <i>Analytical Methods</i> , 2014 ,	3.2	2
183	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. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12017-27	5.1	21
182	Interaction between selenium and mercury in biological samples of Pakistani myocardial infarction patients at different stages as related to controls. <i>Biological Trace Element Research</i> , 2014 , 158, 143-51	4.5	5
181	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. <i>Analytica Chimica Acta</i> , 2014 , 812, 59-64	6.6	33
180	Preconcentration of toxic elements in artificial saliva extract of different smokeless tobacco products by dual-cloud point extraction. <i>Microchemical Journal</i> , 2014 , 112, 42-49	4.8	51
179	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. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 133, 651-6	4.4	31
178	Evaluation of water quality parameters in drinking water of district Bannu, Pakistan: Multivariate study. <i>Sustainability of Water Quality and Ecology</i> , 2014 , 3-4, 114-123		12
177	Determination of total chromium at ultratrace levels in water and soil samples by coprecipitation microsample injection system flame atomic absorption spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 1421-5	1.7	11
176	Arsenic content in smokeless tobacco products consumed by the population of Pakistan: related health risk. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 1662-9	1.7	7

175	Determination of total selenium in pharmaceutical and herbal supplements by hydride generation and graphite furnace atomic absorption spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 1696-700	1.7	4
174	Enrichment of copper as 1-(2-pyridylazo)-2-naphthol complex by the combination of dispersive liquid-liquid microextraction/flame atomic absorption spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 205-10	1.7	12
173	Vortex Assisted Liquid-Liquid Microextraction Using Triton X-114 for Ultratrace Cadmium Prior to Analysis. <i>Clean - Soil, Air, Water</i> , 2014 , 42, 1083-1088	1.6	12
172	Evaluation of fresh and stored rainwater quality in fluoride and arsenic endemic area of Thar Desert, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 8611-28	3.1	12
171	Fluoride and arsenic exposure through water and grain crops in Nagarparkar, Pakistan. <i>Chemosphere</i> , 2014 , 100, 182-9	8.4	62
170	Distribution of potassium, calcium, magnesium, and sodium levels in biological samples of Pakistani hypertensive patients and control subjects. <i>Clinical Laboratory</i> , 2014 , 60, 463-74	2	10
169	Distribution of arsenic, cadmium, lead, and nickel levels in biological samples of Pakistani hypertensive patients and control subjects. <i>Clinical Laboratory</i> , 2014 , 60, 1309-18	2	8
168	Evaluation of chromium and manganese in biological samples (scalp hair, blood and urine) of tuberculosis and diarrhea male human immunodeficiency virus patients. <i>Clinical Laboratory</i> , 2014 , 60, 1333-41	2	3
167	Relationship between toxic metals exposure via cigarette smoking and rheumatoid arthritis. <i>Clinical Laboratory</i> , 2014 , 60, 1735-45	2	18
166	Pressure-assisted ionic liquid dispersive microextraction of vanadium coupled with electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 1441	3.7	50
165	Development of an extractive spectrophotometric method for uranium using MWCNTs as solid phase and arsenazo(III) as chromophore. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 296, 1239-1245	1.5	25
164	Simultaneous preconcentration of toxic elements in artificial saliva extract of smokeless tobacco product, mainpuri by cloud point extraction method. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 92, 289-96	7	27
163	Determination of lead in biological samples of children with different physiological consequences using cloud point extraction method. <i>Biological Trace Element Research</i> , 2013 , 153, 134-40	4.5	17
162	Effects of selenium and zinc status in biological samples of hepatitis C patient after herbal and pharmaceutical supplements. <i>Biological Trace Element Research</i> , 2013 , 152, 187-94	4.5	3
161	Evaluation of lead levels in biological samples of mentally retarded children in different stages using advanced extraction method. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 858-64	5.8	7
160	Estimation of toxic elements in the samples of different cigarettes and their impact on human health of Irish hypertensive consumers. <i>Clinica Chimica Acta</i> , 2013 , 426, 51-7	6.2	13
159	Arsenic in water, food and cigarettes: a cancer risk to Pakistani population. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013 , 48, 1776-82	2.3	7
158	Analysis of cadmium, nickel, and lead in commercial moist and dry snuff used in Pakistan. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 5199-208	3.1	12

157	Investigation of Alteration in the Levels of Iron and Copper in Scalp Hair Samples of Patients Having Different Types of Viral Hepatitis. <i>Biological Trace Element Research</i> , 2013 , 156, 5	4.5	9
156	Evaluation of calcium and magnesium in scalp hair samples of population consuming different drinking water: risk of kidney stone. <i>Biological Trace Element Research</i> , 2013 , 156, 67-73	4.5	16
155	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. <i>Biological Trace Element Research</i> , 2013 , 156, 49-55	4.5	24
154	A simple ligandless microextraction method based on ionic liquid for the determination of trace cadmium in water and biological samples. <i>Toxicological and Environmental Chemistry</i> , 2013 , 95, 1069-1079	4.4	10
153	Evaluation of Bioavailability and Partitioning of Aluminum in Sediment Samples of Different Ecosystems by Modified Sequential Extraction Methods. <i>Clean - Soil, Air, Water</i> , 2013 , 41, 808-815	1.6	10
152	Comparative metal distribution in scalp hair of Pakistani and Irish referents and diabetes mellitus patients. <i>Clinica Chimica Acta</i> , 2013 , 415, 207-14	6.2	24
151	Hazardous impact of organic arsenical compounds in chicken feed on different tissues of broiler chicken and manure. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 87, 120-3	7	29
150	Preconcentration of lead from aqueous solution with activated carbon cloth prior to analysis by flame atomic absorption spectrometry: a multivariate study. <i>Journal of Analytical Atomic Spectrometry</i> , 2013 , 28, 601	3.7	30
149	Simultaneously evaluate the toxic levels of fluoride and arsenic species in underground water of Tharparkar and possible contaminant sources: a multivariate study. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 89, 95-107	7	57
148	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. <i>Water Research</i> , 2013 , 47, 1005-20	12.5	128
147	Graphite furnace atomic absorption spectrometric detection of vanadium in water and food samples after solid phase extraction on multiwalled carbon nanotubes. <i>Talanta</i> , 2013 , 116, 205-9	6.2	43
146	Sequential Extraction of Vanadium in Different Soil Samples Using Conventional and Ultrasonic Devices. <i>Journal of AOAC INTERNATIONAL</i> , 2013 , 96, 650-656	1.7	5
145	Cloud point extraction and flame atomic absorption spectrometric determination of cadmium and nickel in drinking and wastewater samples. <i>Journal of AOAC INTERNATIONAL</i> , 2013 , 96, 447-52	1.7	20
144	Speciation of vanadium in coal mining, industrial, and agricultural soil samples using different extractants and heating systems. <i>Journal of AOAC INTERNATIONAL</i> , 2013 , 96, 186-9	1.7	5
143	Ultratrace Determination of Cr(VI) and Pb(II) by Microsample Injection System Flame Atomic Spectroscopy in Drinking Water and Treated and Untreated Industrial Effluents. <i>Journal of Analytical Methods in Chemistry</i> , 2013 , 2013, 629495	2	4
142	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. <i>Clinical Laboratory</i> , 2013 , 59,	2	6
141	Evaluation of Chromium, Cobalt and Manganese in Biological Samples (Scalp Hair, Blood, and Urine) of Pakistani Viral Hepatitis (AB) Patients and Controls. <i>Clinical Laboratory</i> , 2013 , 59,	2	2
140	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. <i>Clinical Laboratory</i> , 2013 , 59, 539-50	2	3

139	Distribution of copper, iron, and zinc in biological samples of Pakistani hypertensive patients and referent subjects of different age groups. <i>Clinical Laboratory</i> , 2013 , 59, 959-67	2	6
138	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. <i>Clinical Laboratory</i> , 2013 , 59, 143-53	2	7
137	Evaluation of chromium, cobalt and manganese in biological samples (scalp hair, blood, and urine) of Pakistani viral hepatitis (A-E) patients and controls. <i>Clinical Laboratory</i> , 2013 , 59, 247-56	2	1
136	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. <i>Microchemical Journal</i> , 2012 , 101, 5-10	4.8	73
135	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. <i>Clinical Nutrition</i> , 2012 , 31, 967-73	5.9	32
134	Translocation of arsenic contents in vegetables from growing media of contaminated areas. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 75, 27-32	7	26
133	Single step in-syringe system for ionic liquid based liquid microextraction combined with flame atomic absorption spectrometry for lead determination. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 1960	3.7	36
132	A novel strategy for chromium speciation at ultra-trace level by microsample injection flame atomic absorption spectrophotometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2012 , 27, 1509	3.7	36
131	Nafion stabilized ibuprofen \square gold nanostructures modified screen printed electrode as arsenic(III) sensor. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 682, 77-82	4.1	32
130	Effects of mineral supplementation on liver cirrhotic/cancer male patients. <i>Biological Trace Element Research</i> , 2012 , 150, 81-90	4.5	16
129	Vortex-assisted liquid \square liquid microextraction coupled to flame atomic absorption spectrometry for lead determination: ionic liquid based microextraction using Triton X-100 as dispersant. <i>Analytical Methods</i> , 2012 , 4, 4091	3.2	35
128	Interaction between essential trace and toxic elements in the scalp hair samples of smokers and alcohol user diabetics. <i>International Journal of Diabetes in Developing Countries</i> , 2012 , 32, 151-162	0.8	1
127	Exposures of lead to adolescent workers in battery recycling workshops and surrounding communities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012 , 22, 649-53	6.7	16
126	Interaction between zinc, cadmium, and lead in scalp hair samples of Pakistani and Irish smokers rheumatoid arthritis subjects in relation to controls. <i>Biological Trace Element Research</i> , 2012 , 148, 139-47	4.5	33
125	Quantification of arsenic in dialysate solution and scalp hair samples of kidney failure patients by cloud point extraction and electrothermal atomic absorption spectroscopy. <i>Journal of AOAC INTERNATIONAL</i> , 2012 , 95, 1755-60	1.7	3
124	Arsenic speciation and other parameters of surface and ground water samples of Jamshoro, Pakistan. <i>International Journal of Environmental Analytical Chemistry</i> , 2012 , 92, 28-42	1.8	15
123	Biosorption Characteristics of Indigenous Plant Material for Trivalent Arsenic Removal from Groundwater: Equilibrium and Kinetic Studies. <i>Separation Science and Technology</i> , 2012 , 47, 1044-1054	2.5	15
122	A green preconcentration method for determination of cobalt and lead in fresh surface and waste water samples prior to flame atomic absorption spectrometry. <i>Journal of Analytical Methods in Chemistry</i> , 2012 , 2012, 713862	2	10

121	Evaluation of calcium, magnesium, potassium, and sodium in biological samples (scalp hair, serum, blood, and urine) of Pakistani referents and arthritis patients of different age groups. <i>Clinical Laboratory</i> , 2012 , 58, 7-18	2	7
120	Interaction between selenium and arsenic in biological samples of psoriasis patients. <i>Clinical Laboratory</i> , 2012 , 58, 233-43	2	2
119	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. <i>Clinical Laboratory</i> , 2012 , 58, 705-17	2	10
118	Evaluation of arsenic levels in grain crops samples, irrigated by tube well and canal water. <i>Food and Chemical Toxicology</i> , 2011 , 49, 265-70	4.7	48
117	The influence of environmental exposure on lead concentrations in scalp hair of children in Pakistan. <i>Ecotoxicology and Environmental Safety</i> , 2011 , 74, 727-32	7	33
116	Cloud point and solid phase extraction of vanadium in surface and bottled mineral water samples using 8-hydroxyquinoline as a complexing reagent. <i>Journal of the Iranian Chemical Society</i> , 2011 , 8, 897-907	2	11
115	Development of Extraction Methods for Speciation Analysis of Selenium in Aqueous Extracts of Medicinal Plants. <i>Journal of AOAC INTERNATIONAL</i> , 2011 , 94, 1069-1075	1.7	4
114	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. <i>Journal of AOAC INTERNATIONAL</i> , 2011 , 94, 293-299	1.7	17
113	Inorganic arsenic speciation in groundwater samples using electrothermal atomic spectrometry following selective separation and cloud point extraction. <i>Analytical Sciences</i> , 2011 , 27, 439	1.7	11
112	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. <i>Journal of Hazardous Materials</i> , 2011 , 192, 1132-9	12.8	58
111	Evaluation of selenium in biological sample of arsenic exposed female skin lesions and skin cancer patients with related to non-exposed skin cancer patients. <i>Science of the Total Environment</i> , 2011 , 409, 3092-7	10.2	27
110	Association between essential trace and toxic elements in scalp hair samples of smokers rheumatoid arthritis subjects. <i>Science of the Total Environment</i> , 2011 , 412-413, 93-100	10.2	36
109	A simple separation/preconcentration method for the determination of aluminum in drinking water and biological sample. <i>Desalination</i> , 2011 , 281, 215-220	10.3	25
108	Comparison of urinary iodide determination in female thyroid patients by two techniques. <i>Russian Journal of Electrochemistry</i> , 2011 , 47, 1355-1362	1.2	3
107	Interactions between cadmium and zinc in the biological samples of Pakistani smokers and nonsmokers cardiovascular disease patients. <i>Biological Trace Element Research</i> , 2011 , 139, 257-68	4.5	22
106	Association of environmental toxic elements in biological samples of myocardial infarction patients at different stages. <i>Biological Trace Element Research</i> , 2011 , 141, 26-40	4.5	15
105	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. <i>Biological Trace Element Research</i> , 2011 , 141, 131-49	4.5	66
104	Chromium and manganese levels in biological samples of Pakistani myocardial infarction patients at different stages as related to controls. <i>Biological Trace Element Research</i> , 2011 , 142, 259-73	4.5	10

103	Evaluation of cadmium, chromium, nickel, and zinc in biological samples of psoriasis patients living in Pakistani cement factory area. <i>Biological Trace Element Research</i> , 2011 , 142, 284-301	4.5	29
102	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. <i>Biological Trace Element Research</i> , 2011 , 142, 323-34	4.5	6
101	Evaluation of status of cadmium, lead, and nickel levels in biological samples of normal and night blindness children of age groups 3-7 and 8-12 years. <i>Biological Trace Element Research</i> , 2011 , 142, 350-61	4.5	19
100	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. <i>Biological Trace Element Research</i> , 2011 , 143, 20-40	4.5	9
99	Chromium and manganese levels in biological samples of normal and night blindness children of age groups (3-7) and (8-12) years. <i>Biological Trace Element Research</i> , 2011 , 143, 103-15	4.5	7
98	Distribution of copper, iron, and zinc in biological samples (scalp hair, serum, blood, and urine) of Pakistani viral hepatitis (A-E) patients and controls. <i>Biological Trace Element Research</i> , 2011 , 143, 116-30	4.5	21
97	Determination of arsenic in scalp hair of children and its correlation with drinking water in exposed areas of Sindh Pakistan. <i>Biological Trace Element Research</i> , 2011 , 143, 153-62	4.5	16
96	Status of toxic metals in biological samples of diabetic mothers and their neonates. <i>Biological Trace Element Research</i> , 2011 , 143, 196-212	4.5	31
95	Evaluation of toxic risk assessment of arsenic in male subjects through drinking water in southern Sindh Pakistan. <i>Biological Trace Element Research</i> , 2011 , 143, 772-86	4.5	18
94	Evaluation of essential trace and toxic elements in scalp hair samples of smokers and alcohol user hypertensive patients. <i>Biological Trace Element Research</i> , 2011 , 143, 1349-66	4.5	16
93	Comparative metal distribution in scalp hair of Pakistani and Irish referents and hypertensive patients. <i>Biological Trace Element Research</i> , 2011 , 143, 1367-82	4.5	7
92	Comparative study of liver cancer patients in arsenic exposed and non-exposed areas of Pakistan. <i>Biological Trace Element Research</i> , 2011 , 144, 86-96	4.5	23
91	Levels of arsenic, cadmium, lead, manganese and zinc in biological samples of paralysed steel mill workers with related to controls. <i>Biological Trace Element Research</i> , 2011 , 144, 164-82	4.5	26
90	Correlation between arsenic concentration in fish and human scalp hair of people living in arsenic-contaminated and noncontaminated areas of Pakistan. <i>Biological Trace Element Research</i> , 2011 , 144, 197-204	4.5	9
89	Separation/preconcentration methods for the determination of aluminum in dialysate solution and scalp hair samples of kidney failure patients. <i>Biological Trace Element Research</i> , 2011 , 144, 205-16	4.5	18
88	Hazardous impact and translocation of vanadium (V) species from soil to different vegetables and grasses grown in the vicinity of thermal power plant. <i>Journal of Hazardous Materials</i> , 2011 , 190, 738-43	12.8	35
87	Determination of Arsenic Scalp Hair of Pakistani Children and Drinking Water for Environmental Risk Assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , 2011 , 17, 966-980	4.9	2
86	Case-control study of male cancer patients exposed to arsenic-contaminated drinking water and tobacco smoke with relation to non-exposed cancer patients. <i>Human and Experimental Toxicology</i> , 2011 , 30, 2013-22	3.4	21

85	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. <i>Journal of AOAC INTERNATIONAL</i> , 2011 , 94, 293-9	1.7	2
84	Evaluation of zinc in scalp hair and blood samples of tuberculosis and diarrhea male human immunodeficiency virus patients. <i>Clinical Laboratory</i> , 2011 , 57, 171-81	2	2
83	Evaluation of calcium, magnesium, potassium, and sodium in biological samples of Pakistani viral hepatitis (A-E) patients and controls. <i>Clinical Laboratory</i> , 2011 , 57, 387-96	2	
82	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. <i>Clinical Laboratory</i> , 2011 , 57, 559-74	2	3
81	Effects of selenium supplementation on iodine and thyroid hormone status in a selected population with goitre in Pakistan. <i>Clinical Laboratory</i> , 2011 , 57, 575-85	2	10
80	Evaluation of zinc, copper and iron in biological samples (scalp hair, blood and urine) of tuberculosis and diarrhea male human immunodeficiency virus patients. <i>Clinical Laboratory</i> , 2011 , 57, 677-88	2	6
79	Evaluation of arsenic, cadmium, lead, and nickel in biological samples (scalp hair, serum, blood, and urine) of Pakistani viral hepatitis (A - E) patients and controls. <i>Clinical Laboratory</i> , 2011 , 57, 847-57	2	5
78	Evaluation of arsenic, cadmium, lead, nickel, and zinc in biological samples (scalp hair, blood, and urine) of tuberculosis and diarrhea male human immunodeficiency virus patients. <i>Clinical Laboratory</i> , 2011 , 57, 867-78	2	7
77	Microwave-Assisted Acid Extraction of Selenium from Medicinal Plants Followed by Electrothermal Atomic Absorption Spectrometric Determination. <i>Journal of AOAC INTERNATIONAL</i> , 2010 , 93, 694-702	1.7	8
76	Evaluation of cadmium and zinc in biological samples of tobacco and alcohol user male mouth cancer patients. <i>Human and Experimental Toxicology</i> , 2010 , 29, 221-30	3.4	32
75	Speciation and evaluation of Arsenic in surface water and groundwater samples: a multivariate case study. <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 914-23	7	65
74	Determination of essential elements (Cu, Fe and Zn) in juices of commercially available in Pakistan. <i>Food and Chemical Toxicology</i> , 2010 , 48, 2737-40	4.7	32
73	Evaluating the accumulation of arsenic in maize (<i>Zea mays</i> L.) plants from its growing media by cloud point extraction. <i>Food and Chemical Toxicology</i> , 2010 , 48, 3051-7	4.7	53
72	Determination of trace quantity of aluminium in dialysate concentrates using solid phase and cloud point extraction methods. <i>Analytical Methods</i> , 2010 , 2, 558	3.2	28
71	Cloud point extraction of vanadium in pharmaceutical formulations, dialysate and parenteral solutions using 8-hydroxyquinoline and nonionic surfactant. <i>Journal of Hazardous Materials</i> , 2010 , 182, 371-6	12.8	36
70	Evaluation of toxic elements in scalp hair samples of myocardial infarction patients at different stages as related to controls. <i>Biological Trace Element Research</i> , 2010 , 134, 1-12	4.5	31
69	Interaction of copper with iron, iodine, and thyroid hormone status in goitrous patients. <i>Biological Trace Element Research</i> , 2010 , 134, 265-79	4.5	28
68	Environmental exposure of lead and iron deficit anemia in children age ranged 1-5 years: a cross sectional study. <i>Science of the Total Environment</i> , 2010 , 408, 5325-30	10.2	64

67	Evaluation of iodine, iron, and selenium in biological samples of thyroid mother and their newly born babies. <i>Early Human Development</i> , 2010 , 86, 649-55	2.2	14
66	Interaction of cadmium and zinc in biological samples of smokers and chewing tobacco female mouth cancer patients. <i>Journal of Hazardous Materials</i> , 2010 , 176, 985-91	12.8	34
65	Biosorption studies on powder of stem of <i>Acacia nilotica</i> : Removal of arsenic from surface water. <i>Journal of Hazardous Materials</i> , 2010 , 178, 941-8	12.8	115
64	Determination of inorganic arsenic species (As ³⁺ and As ⁵⁺) in muscle tissues of fish species by electrothermal atomic absorption spectrometry (ETAAS). <i>Food Chemistry</i> , 2010 , 119, 840-844	8.5	44
63	Evaluation of toxic elements in baby foods commercially available in Pakistan. <i>Food Chemistry</i> , 2010 , 119, 1313-1317	8.5	37
62	Potassium, calcium, magnesium, and sodium levels in biological samples of Pakistani myocardial infarction patients at different stages as related to controls. <i>Clinical Laboratory</i> , 2010 , 56, 427-39	2	3
61	Zinc and iron determination in serum and urine samples of thyroid patients using cloud point extraction. <i>Journal of AOAC INTERNATIONAL</i> , 2010 , 93, 1589-94	1.7	10
60	Respiratory effects in people exposed to arsenic via the drinking water and tobacco smoking in southern part of Pakistan. <i>Science of the Total Environment</i> , 2009 , 407, 5524-30	10.2	60
59	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. <i>Clinical Nutrition</i> , 2009 , 28, 162-8	5.9	29
58	Status of essential trace metals in biological samples of diabetic mother and their neonates. <i>Archives of Gynecology and Obstetrics</i> , 2009 , 280, 415-23	2.5	37
57	Determination of toxic elements in different brands of cigarette by atomic absorption spectrometry using ultrasonic assisted acid digestion. <i>Environmental Monitoring and Assessment</i> , 2009 , 154, 155-67	3.1	44
56	Estimation of toxic metals in scalp hair samples of chronic kidney patients. <i>Biological Trace Element Research</i> , 2009 , 127, 16-27	4.5	47
55	Determination of copper and iron in biological samples of viral hepatitis (A-E) female patients. <i>Biological Trace Element Research</i> , 2009 , 129, 78-87	4.5	9
54	Comparison of electrothermal and hydride generation atomic absorption spectrometry for the determination of total arsenic in broiler chicken. <i>Food Chemistry</i> , 2009 , 113, 1351-1355	8.5	39
53	Evaluation of an ultrasonic acid digestion procedure for total heavy metals determination in environmental and biological samples. <i>Journal of Hazardous Materials</i> , 2009 , 161, 1391-8	12.8	69
52	Speciation of heavy metals in untreated sewage sludge by using microwave assisted sequential extraction procedure. <i>Journal of Hazardous Materials</i> , 2009 , 163, 1157-64	12.8	90
51	Heavy metal accumulation in different varieties of wheat (<i>Triticum aestivum</i> L.) grown in soil amended with domestic sewage sludge. <i>Journal of Hazardous Materials</i> , 2009 , 164, 1386-91	12.8	165
50	Evaluation of arsenic and other physico-chemical parameters of surface and ground water of Jamshoro, Pakistan. <i>Journal of Hazardous Materials</i> , 2009 , 166, 662-9	12.8	149

49	Hazardous impact of arsenic on tissues of same fish species collected from two ecosystem. <i>Journal of Hazardous Materials</i> , 2009 , 167, 511-5	12.8	28
48	Arsenic fractionation in sediments of different origins using BCR sequential and single extraction methods. <i>Journal of Hazardous Materials</i> , 2009 , 167, 745-51	12.8	97
47	Separation and preconcentration of aluminum in parenteral solutions and bottled mineral water using different analytical techniques. <i>Journal of Hazardous Materials</i> , 2009 , 172, 780-5	12.8	37
46	Accumulation of arsenic in different fresh water fish species [potential contribution to high arsenic intakes. <i>Food Chemistry</i> , 2009 , 112, 520-524	8.5	90
45	Variation in accumulation of heavy metals in different varieties of sunflower seed oil with the aid of multivariate technique. <i>Food Chemistry</i> , 2009 , 115, 318-323	8.5	62
44	Optimization of cloud point extraction and solid phase extraction methods for speciation of arsenic in natural water using multivariate technique. <i>Analytica Chimica Acta</i> , 2009 , 651, 57-63	6.6	93
43	Determination of toxic elements in infant formulae by using electrothermal atomic absorption spectrometer. <i>Food and Chemical Toxicology</i> , 2009 , 47, 1425-9	4.7	43
42	Assessment of toxic metals in raw and processed milk samples using electrothermal atomic absorption spectrophotometer. <i>Food and Chemical Toxicology</i> , 2009 , 47, 2163-9	4.7	72
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40	Comparison of Different Extraction Approaches for Heavy Metal Partitioning in Sediment Samples. <i>Pedosphere</i> , 2009 , 19, 476-485	5	11
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38	Optimization of Ultrasonic-Assisted Acid Extraction of Mercury in Muscle Tissues of Fishes Using Multivariate Strategy. <i>Journal of AOAC INTERNATIONAL</i> , 2009 , 92, 1580-1586	1.7	23
37	Determination of selenium content in selected Pakistani foods. <i>International Journal of Food Science and Technology</i> , 2008 , 43, 339-345	3.8	10
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35	Evaluation of status of toxic metals in biological samples of diabetes mellitus patients. <i>Diabetes Research and Clinical Practice</i> , 2008 , 80, 280-8	7.4	139
34	Evaluation of toxic metals in blood and urine samples of chronic renal failure patients, before and after dialysis. <i>Renal Failure</i> , 2008 , 30, 737-45	2.9	95
33	Improved Extraction Method for the Determination of Iron, Copper, and Nickel in New Varieties of Sunflower Oil by Atomic Absorption Spectroscopy. <i>Journal of AOAC INTERNATIONAL</i> , 2008 , 91, 400-407	1.7	32
32	Effect of liming on the distribution of heavy metals in untreated industrial sewage sludge produced in Pakistan for the cultivation of <i>Sorghum bicolor</i> (L.). <i>The Environmentalist</i> , 2008 , 28, 366-375		5

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30	Potassium, calcium, magnesium, and sodium levels in biological samples of hypertensive and nonhypertensive diabetes mellitus patients. <i>Biological Trace Element Research</i> , 2008 , 124, 206-24	4.5	36
29	Evaluation of iron in serum and urine and their relation with thyroid function in female goitrous patients. <i>Biological Trace Element Research</i> , 2008 , 125, 203-12	4.5	16
28	Synthesis, structure determination and chemoselective catalytic studies of amino acids complexes of osmium(II). <i>Applied Organometallic Chemistry</i> , 2008 , 22, 187-192	3.1	4
27	Speciation of heavy metals in sediment by conventional, ultrasound and microwave assisted single extraction methods: a comparison with modified sequential extraction procedure. <i>Journal of Hazardous Materials</i> , 2008 , 154, 998-1006	12.8	141
26	Hazardous impact of toxic metals on tobacco leaves grown in contaminated soil by ultrasonic assisted pseudo-digestion: multivariate study. <i>Journal of Hazardous Materials</i> , 2008 , 155, 216-24	12.8	54
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22	Ultrasound-Assisted Pseudodigestion for Toxic Metals Determination in Fish Muscles Followed by Electrothermal Atomic Absorption Spectrophotometry: Multivariate Strategy. <i>Journal of AOAC INTERNATIONAL</i> , 2007 , 90, 1118-1127	1.7	14
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20	Evaluation of aluminum contents in different bakery foods by electrothermal atomic absorption spectrometer. <i>Journal of Food Composition and Analysis</i> , 2007 , 20, 226-231	4.1	41
19	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. <i>Chemical Speciation and Bioavailability</i> , 2007 , 19, 163-173		15
18	Speciation of heavy metals in untreated domestic wastewater sludge by time saving BCR sequential extraction method. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007 , 42, 649-59	2.3	74
17	Evaluation of zinc status in whole blood and scalp hair of female cancer patients. <i>Clinica Chimica Acta</i> , 2007 , 379, 66-70	6.2	70
16	Determination of Toxic Elements in Muscle Tissues of Five Fish Species Using Ultrasound-Assisted Pseudodigestion by Electrothermal Atomic Absorption Spectrophotometry: Optimization Study. <i>Spectroscopy Letters</i> , 2007 , 40, 861-878	1.1	14
15	Determination of cadmium and lead in biological samples by three ultrasonic-based samples treatment procedures followed by electrothermal atomic absorption spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2007 , 90, 470-8	1.7	9
14	Evaluation of toxic metals in biological samples (scalp hair, blood and urine) of steel mill workers by electrothermal atomic absorption spectrometry. <i>Toxicology and Industrial Health</i> , 2006 , 22, 381-93	1.8	65

13	Analysis of Heavy Metals in Scalp Hair Samples of Hypertensive Patients by Conventional and Microwave Digestion Methods. <i>Spectroscopy Letters</i> , 2006 , 39, 203-214	1.1	68
12	Evaluation of essential and toxic metals by ultrasound-assisted acid leaching from scalp hair samples of children with macular degeneration patients. <i>Clinica Chimica Acta</i> , 2006 , 369, 52-60	6.2	59
11	Application of factorial design in optimization of ultrasonic-assisted extraction of aluminum in juices and soft drinks. <i>Talanta</i> , 2006 , 70, 307-14	6.2	58
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9	Differentiation of serum levels of trace elements in normal and malignant breast patients. <i>Biological Trace Element Research</i> , 2006 , 113, 9-18	4.5	79
8	Essential trace and toxic element distribution in the scalp hair of Pakistani myocardial infarction patients and controls. <i>Biological Trace Element Research</i> , 2006 , 113, 19-34	4.5	10
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4	Simultaneous quantification of essential and toxic elements from mangoes fruit and its juices. <i>International Journal of Environmental Analytical Chemistry</i> , 1-7	1.8	
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