

Tasneem Gul Kazi

List of Publications by Citations

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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 | Copper, chromium, manganese, iron, nickel, and zinc levels in biological samples of diabetes mellitus patients. <i>Biological Trace Element Research</i> , 2008 , 122, 1-18 | 4.5 | 303 |
| 335 | 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 |
| 334 | 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 |
| 333 | 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 |
| 332 | 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 |
| 331 | 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 |
| 330 | 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 |
| 329 | The correlation of arsenic levels in drinking water with the biological samples of skin disorders. <i>Science of the Total Environment</i> , 2009 , 407, 1019-26 | 10.2 | 100 |
| 328 | 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 |
| 327 | 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 |
| 326 | 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 |
| 325 | 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 |
| 324 | 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 |
| 323 | 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 |
| 322 | 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 |
| 321 | 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 |
| 320 | 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 |

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| 319 | 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 |
| 318 | 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 |
| 317 | 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 |
| 316 | 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 |
| 315 | 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 |
| 314 | 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 |
| 313 | 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 |
| 312 | 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 |
| 311 | 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 |
| 310 | Fluoride and arsenic exposure through water and grain crops in Nagarparkar, Pakistan. <i>Chemosphere</i> , 2014 , 100, 182-9 | 8.4 | 62 |
| 309 | 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 |
| 308 | 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 |
| 307 | 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 |
| 306 | 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 |
| 305 | 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 |
| 304 | 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 |
| 303 | 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 |
| 302 | 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 |

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| 301 | 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 |
| 300 | 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 |
| 299 | Distribution of zinc, copper and iron in biological samples of Pakistani myocardial infarction (1st, 2nd and 3rd heart attack) patients and controls. <i>Clinica Chimica Acta</i> , 2008 , 389, 114-9 | 6.2 | 53 |
| 298 | 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 |
| 297 | 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 |
| 296 | 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 |
| 295 | 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 |
| 294 | 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 |
| 293 | 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 |
| 292 | 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 |
| 291 | 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 |
| 290 | 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 |
| 289 | 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 |
| 288 | 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 |
| 287 | 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 |
| 286 | 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 |
| 285 | 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 |
| 284 | 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 |

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| 283 | 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 |
| 282 | 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 |
| 281 | 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 |
| 280 | 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, 470-478 | 1.7 | 40 |
| 279 | 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 |
| 278 | 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 |
| 277 | Separation and preconcentration of trace amounts of aluminum ions in surface water samples using different analytical techniques. <i>Talanta</i> , 2009 , 80, 158-62 | 6.2 | 38 |
| 276 | 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 |
| 275 | 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 |
| 274 | 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 |
| 273 | Evaluation of toxic elements in baby foods commercially available in Pakistan. <i>Food Chemistry</i> , 2010 , 119, 1313-1317 | 8.5 | 37 |
| 272 | 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 |
| 271 | 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 |
| 270 | 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 |
| 269 | 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 |
| 268 | 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 |
| 267 | A multivariate study: variation in uptake of trace and toxic elements by various varieties of Sorghum bicolor L. <i>Journal of Hazardous Materials</i> , 2008 , 158, 644-51 | 12.8 | 36 |
| 266 | Vortex-assisted liquid-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 |

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| 265 | 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 |
| 264 | 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, 296-302 | 4.4 | 34 |
| 263 | 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 |
| 262 | 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 |
| 261 | 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 |
| 260 | 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 |
| 259 | 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 |
| 258 | 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 |
| 257 | Nafion stabilized ibuprofen ⁵ gold nanostructures modified screen printed electrode as arsenic(III) sensor. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 682, 77-82 | 4.1 | 32 |
| 256 | 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 |
| 255 | 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 |
| 254 | 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 |
| 253 | 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 |
| 252 | 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 |
| 251 | 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 |
| 250 | 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 |
| 249 | 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 |
| 248 | 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 |

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| 247 | 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 |
| 246 | 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 |
| 245 | 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 |
| 244 | 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 |
| 243 | 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 |
| 242 | 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 |
| 241 | 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 |
| 240 | 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 |
| 239 | Application of Fractional Factorial Design and Doehlert Matrix in the Optimization of Experimental Variables Associated with the Ultrasonic-Assisted Acid Digestion of Chocolate Samples for Aluminum Determination by Atomic Absorption Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2007 , 90, 1682-1688 | 1.7 | 28 |
| 238 | 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 |
| 237 | 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 |
| 236 | 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 |
| 235 | 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 |
| 234 | 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 |
| 233 | 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 |
| 232 | Translocation of arsenic contents in vegetables from growing media of contaminated areas. <i>Ecotoxicology and Environmental Safety</i> , 2012 , 75, 27-32 | 7 | 26 |
| 231 | 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 |
| 230 | 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 |

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|-----|--|------|----|
| 229 | 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 |
| 228 | 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 |
| 227 | 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 |
| 226 | 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 |
| 225 | 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 |
| 224 | 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 |
| 223 | 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 |
| 222 | 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 |
| 221 | 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 |
| 220 | 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 |
| 219 | 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 |
| 218 | 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 |
| 217 | 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 |
| 216 | 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 |
| 215 | 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 |
| 214 | 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 |
| 213 | 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 |
| 212 | 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 |

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| 211 | 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 |
| 210 | 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 |
| 209 | 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 |
| 208 | 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 |
| 207 | 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 |
| 206 | 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 |
| 205 | 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 |
| 204 | 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 |
| 203 | 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 |
| 202 | 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 |
| 201 | Relationship between toxic metals exposure via cigarette smoking and rheumatoid arthritis. <i>Clinical Laboratory</i> , 2014 , 60, 1735-45 | 2 | 18 |
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| 196 | 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 |
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| 146 | 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 |
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| 135 | 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 |
| 134 | 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 |
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| 122 | 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 |

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| 117 | 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 |
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| 106 | 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 |
| 105 | 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 |
| 104 | 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 |

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| 102 | 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 |
| 101 | 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 |
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| 97 | Cadmium and Lead Hazardous Impact Assessment of Pond Fish Species. <i>Biological Trace Element Research</i> , 2019 , 191, 502-511 | 4.5 | 7 |
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| 95 | 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 |
| 94 | 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 |
| 93 | 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 |
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| 87 | 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 |
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| 85 | 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 |
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| 81 | 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 |
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| 79 | 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 |
| 78 | 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 |
| 77 | 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 |
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| 74 | 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 |
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| 72 | 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 |
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| 69 | 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 |
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| 10 | 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 | |
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