

Faheem Shah

List of Publications by Year in descending order

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96
papers

1,996
citations

218381

26
h-index

301761

39
g-index

103
all docs

103
docs citations

103
times ranked

2352
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar Light Responsive Poly(vinyl alcohol)-Assisted Hydrothermal Synthesis of Immobilized TiO ₂ /Ti Film with the Addition of Peroxymonosulfate for Photocatalytic Degradation of Ciprofloxacin in Aqueous Media: A Mechanistic Approach. <i>Journal of Physical Chemistry C</i> , 2018, 122, 406-421.	1.5	138
2	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.	2.3	82
3	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, 5325-5330.	3.9	81
4	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, 131-149.	1.9	72
5	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, 1132-1139.	6.5	65
6	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.	2.9	64
7	Evaluation of arsenic levels in grain crops samples, irrigated by tube well and canal water. <i>Food and Chemical Toxicology</i> , 2011, 49, 265-270.	1.8	53
8	Thermo-catalytic decomposition of polystyrene waste: Comparative analysis using different kinetic models. <i>Waste Management and Research</i> , 2020, 38, 202-212.	2.2	53
9	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, 738-743.	6.5	48
10	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.	2.9	48
11	Status of Toxic Metals in Biological Samples of Diabetic Mothers and Their Neonates. <i>Biological Trace Element Research</i> , 2011, 143, 196-212.	1.9	45
12	Multivariate optimization of cloud point extraction procedure for zinc determination in aqueous extracts of medicinal plants by flame atomic absorption spectrometry. <i>Food and Chemical Toxicology</i> , 2011, 49, 2548-2556.	1.8	42
13	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, 371-376.	6.5	39
14	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.	1.6	39
15	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.	2.6	39
16	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.	1.3	38
17	Improved electrical, dielectric and magnetic properties of Al-Sm co-doped NiFe ₂ O ₄ spinel ferrites nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 243, 47-53.	1.7	38
18	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.	1.9	34

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19	The influence of environmental exposure on lead concentrations in scalp hair of children in Pakistan. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 727-732.	2.9	33
20	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, 3092-3097.	3.9	33
21	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.	1.6	32
22	Assessment of metal contents in spices and herbs from Saudi Arabia. <i>Toxicology and Industrial Health</i> , 2016, 32, 260-269.	0.6	32
23	Levels of Arsenic, Cadmium, Lead, Manganese and Zinc in Biological Samples of Paralyzed Steel Mill Workers with Related to Controls. <i>Biological Trace Element Research</i> , 2011, 144, 164-182.	1.9	31
24	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, 289-296.	2.9	31
25	Switchable dispersive liquid-liquid microextraction for lead enrichment: a green alternative to classical extraction techniques. <i>Analytical Methods</i> , 2016, 8, 904-911.	1.3	31
26	A simple separation/preconcentration method for the determination of aluminum in drinking water and biological sample. <i>Desalination</i> , 2011, 281, 215-220.	4.0	26
27	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.	0.7	26
28	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.	1.9	25
29	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.	2.3	25
30	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, 242-247.	2.0	25
31	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, 350-361.	1.9	24
32	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, 447-452.	0.7	24
33	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.	1.9	22
34	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, 116-130.	1.9	22
35	Determination of selenium content in aqueous extract of medicinal plants used as herbal supplement for cancer patients. <i>Food and Chemical Toxicology</i> , 2010, 48, 3327-3332.	1.8	21
36	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, 772-786.	1.9	21

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37	Facile synthesis of CdZnS QDs: Effects of different capping agents on the photoluminescence properties. <i>Materials Science in Semiconductor Processing</i> , 2018, 81, 113-117.	1.9	21
38	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.	0.7	19
39	Enhancement of electrical and magnetic properties of cobalt ferrite nanoparticles by co-substitution of Li-Cd ions. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 471, 236-241.	1.0	19
40	Exposures of lead to adolescent workers in battery recycling workshops and surrounding communities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2012, 22, 649-653.	1.8	18
41	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, 134-140.	1.9	18
42	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, 3021-3030.	2.7	17
43	Thermal decomposition study of polyvinyl chloride in the presence of commercially available oxides catalysts. <i>Advances in Polymer Technology</i> , 2018, 37, 2336-2343.	0.8	17
44	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, 153-162.	1.9	16
45	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, 1-8.	0.7	16
46	Improved magnetic and electrical properties of transition metal doped nickel spinel ferrite nanoparticles for prospective applications. <i>Materials Science in Semiconductor Processing</i> , 2022, 148, 106830.	1.9	15
47	Multivariate optimization of α - Ni capillary-Schiff's base functionalized magnetic nanoparticle based microextraction of Pb^{+2} : A novel synergistic approach. <i>Talanta</i> , 2016, 154, 228-236.	2.9	14
48	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, 259-273.	1.9	13
49	Occupational and environmental lead exposure to adolescent workers in battery recycling workshops. <i>Toxicology and Industrial Health</i> , 2015, 31, 1288-1295.	0.6	12
50	Unprecedented chemosensing behavior of novel tetra-substituted benzimidazole zinc(II) phthalocynine for selective detection of Bi^{3+} ion: Synthesis, characterization and ROS generation. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 192, 188-193.	2.0	12
51	Native and Magnetic Oxide Nanoparticles (Fe_3O_4) Impregnated Bentonite Clays as Economic Adsorbents for $\text{Cr}(\text{III})$ Removal. <i>Journal of Solution Chemistry</i> , 2019, 48, 1640-1656.	0.6	12
52	Cost effective way of tuning physical properties of MgAl_2O_4 spinel nanomaterials by $\text{Sr}^{+2}/\text{Mn}^{2+}$ cations doped at the T-Sites. <i>Ceramics International</i> , 2020, 46, 10710-10717.	2.3	12
53	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, 5-11.	1.9	11
54	Effect of biodiesel on particulate numbers and composition emitted from turbocharged diesel engine. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 385-394.	1.8	11

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55	Electrochemical behavior of superoxide anion radical towards quinones: a mechanistic approach. <i>Research on Chemical Intermediates</i> , 2018, 44, 6387-6400.	1.3	11
56	Preconcentration of Cadmium in Water and Hair by Supramolecular Solvent-Based Dispersive Liquid-Liquid Microextraction. <i>Analytical Letters</i> , 2016, 49, 2436-2445.	1.0	10
57	Highly selective colorimetric naked-eye Cu ²⁺ detection using new bispyrazolone silver nanoparticle-based chemosensor. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 977-985.	1.8	10
58	Magnetic oxide nanoparticles (Fe ₃ O ₄) impregnated bentonite clay as a potential adsorbent for Cr(III) adsorption. <i>Materials Research Express</i> , 2018, 5, 096102.	0.8	10
59	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.	0.2	10
60	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.	1.9	9
61	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.	2.3	9
62	Lead Assessment in Biological Samples of Children with Different Gastrointestinal Disorders. <i>Biological Trace Element Research</i> , 2016, 169, 41-45.	1.9	9
63	Investigation of counterion effects of transition metal cations (Fe ³⁺ , Cu ²⁺ , Zn ²⁺) on cetrimonium bromide using cyclic voltammetry. <i>Journal of Molecular Liquids</i> , 2020, 313, 113599.	2.3	9
64	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, 103-115.	1.9	8
65	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.	2.7	8
66	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, .	0.2	8
67	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, 323-334.	1.9	7
68	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, 858-864.	2.0	7
69	Arsenic Content in Smokeless Tobacco Products Consumed by the Population of Pakistan: Related Health Risk. <i>Journal of AOAC INTERNATIONAL</i> , 2014, 97, 1662-1669.	0.7	7
70	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.	1.3	6
71	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, 1717-1724.	1.3	6
72	Development of new portable miniaturized solid phase microextraction of silver-APDC complex using micropipette tip in-syringe system coupled with electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 154, 157-163.	2.0	6

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73	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.	1.3	6
74	Spectroscopically probing the effects of Holmium(III) based complex counterion on the dye-cationic surfactant interactions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 539, 407-415.	2.3	6
75	Preconcentration of rifampicin prior to its efficient spectroscopic determination in the wastewater samples based on a nonionic surfactant. <i>Turkish Journal of Chemistry</i> , 2021, 45, 1201-1209.	0.5	6
76	QuEChERS sample preparation integrated to dispersive liquid-liquid microextraction based on solidified floating organic droplet for spectrometric determination of sudan dyes: A synergistic approach. <i>Food and Chemical Toxicology</i> , 2022, 159, 112742.	1.8	6
77	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, 1696-1700.	0.7	5
78	Restricted access-activated carbon clothes-based lead extraction from human serum: skipping the sample preparation step for biological media. <i>International Journal of Environmental Analytical Chemistry</i> , 2016, 96, 1048-1058.	1.8	5
79	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.	0.7	4
80	Sonochemically synthesized green sorbent for the simultaneous removal of trace metal ions: application and estimation of measurement uncertainty through bottom-up approach. <i>New Journal of Chemistry</i> , 2017, 41, 11695-11700.	1.4	4
81	Benchmark approach to search of cost-effective and accurate density functional for homolytic cleavage of Ca-Mg bond of Grignard reagent. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26106.	1.0	4
82	Comparison of urinary iodide determination in female thyroid patients by two techniques. <i>Russian Journal of Electrochemistry</i> , 2011, 47, 1355-1362.	0.3	3
83	Biosorptive Removal of Cr(VI) from Aqueous Solution by <i>Araucaria Cunninghamii</i> Linn: A Multivariate Study. <i>Analytical Letters</i> , 2021, 54, 1243-1268.	1.0	3
84	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.	1.7	2
85	Development of green miniaturize dispersive ionic liquid nano-emulsion method for preconcentration of cadmium from canal and waste water samples prior to couple with graphite furnace atomic absorption spectrometry. <i>Analytical Methods</i> , 2014, . .	1.3	2
86	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.	2.9	2
87	Counter-Ion Effect on the Thermodynamics of Cr(III) Exchange by Macroporous Amberlyst-15. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017, 232, 37-49.	1.4	2
88	Competitive exchange of Cr (III) sorption on macroporous Amberlyst.15 (H). <i>Materials Research Express</i> , 2017, 4, 015502.	0.8	2
89	Extraction of Lead through Functionalized Carbon Nanotubes and Estimation of the Measurement Uncertainty. <i>Analytical Letters</i> , 2020, 53, 1566-1579.	1.0	2
90	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> , 2013, 59, .	0.2	2

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91	Hydrophobic deep eutectic solvent-based dispersive liquid-liquid microextraction for the zinc determination in aqueous samples: multivariate study. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 8933-8944.	1.8	2
92	Assessment of Iron, Lead, Zinc, Cadmium and Chromium in Green Vegetables Irrigated with Domestic Waste Water. <i>Analytical Chemistry Letters</i> , 2016, 6, 448-456.	0.4	1
93	A Wide Bandgap Ag/MgO@Fe ₃ O ₄ Nanocomposite as Magnetic Sorbent for Cd(II) in Water Samples. <i>Current Analytical Chemistry</i> , 2020, 16, 332-340.	0.6	1
94	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.	0.4	0
95	A method for determination of acetaldehyde in bottled waters and the effect of time and temperature on concentrations. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 55-64.	1.8	0
96	Concentrations of Cd, Cu, Pb and Zn in Blood Serum of Cancer Patients and Comparison with Healthy Person by Atomic Absorption Spectrometry. <i>Current Analytical Chemistry</i> , 2017, 13, .	0.6	0