Munir H Shah

List of Publications by Year in Descending Order

101 papers	2,582 citations	32 h-index	46 g-index
105 ext. papers	2,970 ext. citations	4.5 avg, IF	5.5 L-index

#	Paper	IF	Citations
101	Spatial distribution, pollution characterization and health risk assessment of selected metals in groundwater of Lahore, Pakistan. *Chemie Der Erde*, **2021**, 81, 125692	4.3	1
100	Study of Essential and Toxic Metal Imbalances in the Scalp Hair of Thyroid Cancer Patients in Comparison with Healthy Donors. *Biological Trace Element Research*, **2021**, 199, 500-512	4.5	1
99	Evaluation of Contamination Status and Health Risk Assessment of Essential and Toxic Metals in Cyprinus carpio from Mangla Lake, Pakistan. *Biological Trace Element Research*, **2021**, 199, 4284-4294	4.5	1
98	Study of fractionation, mobility and risk assessment of selected metals in suburban, urban and roadside soil from Pakistan. *Environmental Earth Sciences*, **2021**, 80, 1	2.9	2
97	Analysis and health risk assessment of heavy metals in some onion varieties. *Arabian Journal of Chemistry*, **2021**, 14, 103364	5.9	1
96	Quantification of heavy metals and health risk assessment in processed fruits products. *Arabian Journal of Chemistry*, **2020**, 13, 8965-8978	5.9	6
95	Evaluation of heavy metals in cosmetic products and their health risk assessment. *Saudi Pharmaceutical Journal*, **2020**, 28, 779-790	4.4	25
94	Appraisal of Metal Imbalances in the Blood of Thyroid Cancer Patients in Comparison with Healthy Subjects. *Biological Trace Element Research*, **2020**, 198, 410-422	4.5	3
93	Integrated Approach to Hydrogeochemical Appraisal and Quality Assessment of Groundwater from Sargodha District, Pakistan. *Geofluids*, **2020**, 2020, 1-15	1.5	4
92	Study of Trace Metal Imbalances in the Scalp Hair of Stomach Cancer Patients with Different Types and Stages. *Biological Trace Element Research*, **2020**, 196, 365-374	4.5	3
91	Accumulation of selected metals in the fruits of medicinal plants grown in urban environment of Islamabad, Pakistan. *Arabian Journal of Chemistry*, **2020**, 13, 308-317	5.9	15
90	Disparities in Trace Metal Levels in Hodgkin/Non-Hodgkin Lymphoma Patients in Comparison with Controls. *Biological Trace Element Research*, **2020**, 194, 34-47	4.5	2
89	Phytochemical profiling, antioxidant and HepG2 cancer cells' antiproliferation potential in the kernels of apricot cultivars. *Saudi Journal of Biological Sciences*, **2020**, 27, 163-172	4	14
88	Pollution assessment and source apportionment of selected metals in rural (Bagh) and urban (Islamabad) farmlands, Pakistan. *Environmental Earth Sciences*, **2019**, 78, 1	2.9	8
87	Evaluation of Polyphenolics Content and Antioxidant Activity in Edible Wild Fruits. *BioMed Research International*, **2019**, 2019, 1381989	3	31
86	Evaluation of antioxidant activities and essential/toxicmetal levels and their health risk assessment in citrus fruits from Pakistan. *Environmental Monitoring and Assessment*, **2019**, 191, 650	3.1	
85	Disparities in the Concentrations of Essential/Toxic Elements in the Blood and Scalp Hair of Lymphoma Patients and Healthy Subjects. *Scientific Reports*, **2019**, 9, 15363	4.9	3

84	Lipase-catalyzed synthesis mechanism of tri-acetylated phloridzin and its antiproliferative activity against HepG2 cancer cells. *Food Chemistry*, **2019**, 277, 186-194	8.5	19
83	Seasonal variations, risk assessment and multivariate analysis of trace metals in the freshwater reservoirs of Pakistan. *Chemosphere*, **2019**, 216, 715-724	8.4	47
82	Statistical Evaluation of Trace Metals, TSH and T in Blood Serum of Thyroid Disease Patients in Comparison with Controls. *Biological Trace Element Research*, **2018**, 183, 58-70	4.5	16
81	Evaluation of the mobility and pollution index of selected essential/toxic metals in paddy soil by sequential extraction method. *Ecotoxicology and Environmental Safety*, **2018**, 147, 283-291	7	26
80	Fractionation, bioavailability, contamination and environmental risk of heavy metals in the sediments from a freshwater reservoir, Pakistan. *Journal of Geochemical Exploration*, **2018**, 184, 199-208	3.8	45
79	Chemometric Evaluation of Elemental Imbalances in the Scalp Hair of Valvular Heart Disease Patients in Comparison with Healthy Donors. *Biological Trace Element Research*, **2018**, 181, 10-21	4.5	1
78	Disparities of Selected Metal Levels in the Blood and Scalp Hair of Ischemia Heart Disease Patients and Healthy Subjects. *Biological Trace Element Research*, **2017**, 180, 191-205	4.5	4
77	Study of trace metal imbalances in the blood, scalp hair and nails of oral cancer patients from Pakistan. *Science of the Total Environment*, **2017**, 593-594, 191-201	10.2	13
76	Statistical evaluation of essential/toxic metal levels in the blood of valvular heart disease patients in comparison with controls. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2017**, 52, 571-579	2.3	2
75	Stir-frying treatments affect the phenolics profiles and cellular antioxidant activity of Adinandra nitida tea (Shiyacha) in daily tea model. *International Journal of Food Science and Technology*, **2017**, 52, 1820-1827	3.8	10
74	Phytochemical content, cellular antioxidant activity and antiproliferative activity of Adinandra nitida tea (Shiyacha) infusion subjected to in vitro gastrointestinal digestion. *RSC Advances*, **2017**, 7, 50430-50440	3.7	18
73	Assessment of water quality for drinking/irrigation purpose from Mangla dam, Pakistan. *Geochemistry: Exploration, Environment, Analysis*, **2016**, 16, 137-145	1.8	2
72	Spatial distribution, environmental assessment and source identification of metals content in surface sediments of freshwater reservoir, Pakistan. *Chemie Der Erde*, **2016**, 76, 171-177	4.3	20
71	Comparison of Nutritional Value, Antioxidant Potential, and Risk Assessment of the Mulberry (Morus) Fruits. *International Journal of Fruit Science*, **2016**, 16, 113-134	1.2	7
70	Spatio-Temporal Variability and Pollution Assessment of Selected Metals in Freshwater Sediments, Pakistan. *Clean - Soil, Air, Water*, **2016**, 44, 402-410	1.6	4
69	Multivariate statistical evaluation of trace metal levels in the blood of atherosclerosis patients in comparison with healthy subjects. *Heliyon*, **2016**, 2, e00054	3.6	11
68	Enhancing antioxidant activity and antiproliferation of wheat bran through steam flash explosion. *Journal of Food Science and Technology*, **2016**, 53, 3028-3034	3.3	25
67	Comparative Study of Elemental Concentrations in the Scalp Hair and Nails of Myocardial Infarction Patients Versus Controls from Pakistan. *Biological Trace Element Research*, **2015**, 166, 123-35	4.5	13

66	Distribution, source identification and risk assessment of selected metals in sediments from freshwater lake. *International Journal of Sediment Research*, **2015**, 30, 241-249	3	10
65	Study of Selected Metals Distribution, Source Apportionment, and Risk Assessment in Suburban Soil, Pakistan. *Journal of Chemistry*, **2015**, 2015, 1-8	2.3	1
64	Spatial/Temporal Characterization and Risk Assessment of Trace Metals in Mangla Reservoir, Pakistan. *Journal of Chemistry*, **2015**, 2015, 1-11	2.3	7
63	Comparative Distribution, Correlation, and Chemometric Analyses of Selected Metals in Scalp Hair of Angina Patients and Healthy Subjects. *Biological Trace Element Research*, **2015**, 168, 33-43	4.5	4
62	Geochemical speciation, anthropogenic contamination, risk assessment and source identification of selected metals in freshwater sediments: A case study from Mangla Lake, Pakistan. *Environmental Nanotechnology, Monitoring and Management*, **2015**, 4, 27-36	3.3	76
61	Wild Edible Vegetables of Lesser Himalayas **2015**,		12
60	Phytochemical profiles and antioxidant activity of different varieties of Adinandra Tea (Adinandra Jack). *Journal of Agricultural and Food Chemistry*, **2015**, 63, 169-76	5.7	50
59	Ethnomedicinal values, phenolic contents and antioxidant properties of wild culinary vegetables. *Journal of Ethnopharmacology*, **2015**, 162, 333-45	5	45
58	Abnormalities of Selected Trace Elements in Patients with Coronary Artery Disease. *Acta Cardiologica Sinica*, **2015**, 31, 518-27	1.1	5
57	Metal Levels in Wild Edible Vegetables **2015**, 169-235		1
56	Study of seasonal variations and health risk assessment of heavy metals in Cyprinus carpio from Rawal Lake, Pakistan. *Environmental Monitoring and Assessment*, **2014**, 186, 2025-37	3.1	29
55	Non-carcinogenic and carcinogenic health risk assessment of selected metals in soil around a natural water reservoir, Pakistan. *Ecotoxicology and Environmental Safety*, **2014**, 108, 42-51	7	29
54	Comparative assessment of selected metals in the scalp hair and nails of lung cancer patients and controls. *Biological Trace Element Research*, **2014**, 158, 305-22	4.5	13
53	Ethnobotanical and antimicrobial study of some selected medicinal plants used in Khyber Pakhtunkhwa (KPK) as a potential source to cure infectious diseases. *BMC Complementary and Alternative Medicine*, **2014**, 14, 122	4.7	33
52	Occurrence, risk assessment, and source apportionment of heavy metals in surface sediments from Khanpur Lake, Pakistan. *Journal of Analytical Science and Technology*, **2014**, 5,	3.4	31
51	Dissolved concentrations, sources, and risk evaluation of selected metals in surface water from Mangla Lake, Pakistan. *Scientific World Journal, The*, **2014**, 2014, 948396	2.2	14
50	Comparative study of trace elements in blood, scalp hair and nails of prostate cancer patients in relation to healthy donors. *Biological Trace Element Research*, **2014**, 162, 46-57	4.5	18
49	Diurnal and nocturnal variations of trace metals in urban atmospheric particulate matter from Islamabad, Pakistan. *Environmental Earth Sciences*, **2014**, 71, 817-826	2.9	8

48	Phytochemical profiles and antioxidant activities in six species of ramie leaves. *PLoS ONE*, **2014**, 9, e108149	3.7	34
47	Health risk assessment and multivariate apportionment of trace metals in wild leafy vegetables from Lesser Himalayas, Pakistan. *Ecotoxicology and Environmental Safety*, **2013**, 92, 237-44	7	70
46	Ethnobotanical survey of medicinally important wild edible fruits species used by tribal communities of Lesser Himalayas-Pakistan. *Journal of Ethnopharmacology*, **2013**, 148, 528-36	5	83
45	Ethnobotanical appraisal and cultural values of medicinally important wild edible vegetables of Lesser Himalayas-Pakistan. *Journal of Ethnobiology and Ethnomedicine*, **2013**, 9, 66	3.9	111
44	Characterization, source apportionment and health risk assessment of trace metals in freshwater Rawal Lake, Pakistan. *Journal of Geochemical Exploration*, **2013**, 125, 94-101	3.8	33
43	Study of seasonal variations and risk assessment of selected metals in sediments from Mangla Lake, Pakistan. *Journal of Geochemical Exploration*, **2013**, 125, 144-152	3.8	31
42	Statistical apportionment and risk assessment of selected metals in sediments from Rawal Lake (Pakistan). *Environmental Monitoring and Assessment*, **2013**, 185, 729-43	3.1	46
41	Comparative evaluation of trace elements in the blood of chronic bronchitis patients and healthy donors. *Trace Elements and Electrolytes*, **2013**, 30, 122-129	1.8	1
40	Health Risk Assessment of Metals in Surface Water from Freshwater Source Lakes, Pakistan. *Human and Ecological Risk Assessment (HERA)*, **2013**, 19, 1530-1543	4.9	58
39	Non-carcinogenic health risk assessment and source apportionment of selected metals in source freshwater Khanpur Lake, Pakistan. *Bulletin of Environmental Contamination and Toxicology*, **2012**, 88, 177-81	2.7	11
38	Assessment of background levels of trace metals in water and soil from a remote region of Himalaya. *Environmental Monitoring and Assessment*, **2012**, 184, 1243-52	3.1	35
37	Comparative assessment of essential and toxic metals in the blood of rheumatoid arthritis patients and healthy subjects. *Biological Trace Element Research*, **2012**, 146, 13-22	4.5	7
36	Assessment of the trace elements level in urban atmospheric particulate matter and source apportionment in Islamabad, Pakistan. *Atmospheric Pollution Research*, **2012**, 3, 39-45	4.5	50
35	Water quality evaluation, health risk assessment and multivariate apportionment of selected elements from Simly Lake, Pakistan. *Water Science and Technology: Water Supply*, **2012**, 12, 588-594	1.4	4
34	Indoor/outdoor relationship of trace metals in the atmospheric particulate matter of an industrial area. *Atmospheric Research*, **2011**, 101, 765-772	5.4	44
33	Comparative evaluation of trace metals in the blood of hepatitis C patients and healthy donors. *Biological Trace Element Research*, **2011**, 143, 751-63	4.5	6
32	Distribution, correlation and risk assessment of selected metals in urban soils from Islamabad, Pakistan. *Journal of Hazardous Materials*, **2011**, 192, 887-98	12.8	118
31	Comparative evaluation of trace elements in the scalp hair of arthritis patients and healthy donors. *Toxicological and Environmental Chemistry*, **2011**, 93, 2123-2134	1.4	6

30	Investigation of trace metals in the blood plasma and scalp hair of gastrointestinal cancer patients in comparison with controls. *Clinica Chimica Acta*, **2010**, 411, 531-9	6.2	66
29	Seasonal behaviours in elemental composition of atmospheric aerosols collected in Islamabad, Pakistan. *Atmospheric Research*, **2010**, 95, 210-223	5.4	41
28	Comparison of trace elements in the scalp hair of malignant and benign breast lesions versus healthy women. *Biological Trace Element Research*, **2010**, 134, 160-73	4.5	26
27	Distribution, correlation, and source apportionment of selected metals in tannery effluents, related soils, and groundwater--a case study from Multan, Pakistan. *Environmental Monitoring and Assessment*, **2010**, 166, 303-12	3.1	44
26	Screening of Trace Metals in the Plasma of Breast Cancer Patients in Comparison with a Healthy Population. *Human and Ecological Risk Assessment (HERA)*, **2009**, 15, 1016-1032	4.9	2
25	Comparative statistical analysis of chrome and vegetable tanning effluents and their effects on related soil. *Journal of Hazardous Materials*, **2009**, 169, 285-90	12.8	32
24	Annual and Seasonal Variations of Trace Metals in Atmospheric Suspended Particulate Matter in Islamabad, Pakistan. *Water, Air, and Soil Pollution*, **2008**, 190, 13-25	2.6	53
23	Comparative distribution of the scalp hair trace metal contents in the benign tumour patients and normal donors. *Environmental Monitoring and Assessment*, **2008**, 147, 377-88	3.1	15
22	Statistical source identification of metals in groundwater exposed to industrial contamination. *Environmental Monitoring and Assessment*, **2008**, 138, 159-65	3.1	66
21	Comparative evaluation of trace metal distribution and correlation in human malignant and benign breast tissues. *Biological Trace Element Research*, **2008**, 125, 30-40	4.5	44
20	Statistical analysis of trace metals in the plasma of cancer patients versus controls. *Journal of Hazardous Materials*, **2008**, 153, 1215-21	12.8	50
19	Statistical analysis of atmospheric trace metals and particulate fractions in Islamabad, Pakistan. *Journal of Hazardous Materials*, **2007**, 147, 759-67	12.8	53
18	Characterization and distribution of the selected metals in the scalp hair of cancer patients in comparison with normal donors. *Biological Trace Element Research*, **2007**, 118, 207-16	4.5	19
17	Estimation of iodine in fortified salts by an improved electrometric method. *Nutrition and Food Science*, **2007**, 37, 115-122	1.5	3
16	Annual TSP and Trace Metal Distribution in the Urban Atmosphere of Islamabad in Comparison with Mega-Cities of the World. *Human and Ecological Risk Assessment (HERA)*, **2007**, 13, 884-899	4.9	17
15	Spatial variations in selected metal contents and particle size distribution in an urban and rural atmosphere of Islamabad, Pakistan. *Journal of Environmental Management*, **2006**, 78, 128-37	7.9	54
14	Multivariate analysis of trace metal levels in tannery effluents in relation to soil and water: a case study from Peshawar, Pakistan. *Journal of Environmental Management*, **2006**, 79, 20-9	7.9	92
13	Scalp hair metal analysis in the assessment of the occupational exposure of arc welders. *Toxicological and Environmental Chemistry*, **2006**, 88, 697-704	1.4	12

12	Multivariate analysis of trace metals in textile effluents in relation to soil and groundwater. *Journal of Hazardous Materials*, **2006**, 137, 31-7	12.8	81
11	Multivariate analysis of the selected metals in the hair of cerebral palsy patients versus controls. *Biological Trace Element Research*, **2006**, 111, 11-22	4.5	15
10	Comparative metal distribution in hair of Pakistani and Libyan population and source identification by multivariate analysis. *Environmental Monitoring and Assessment*, **2006**, 114, 505-19	3.1	23
9	Characterization, source identification and apportionment of selected metals in TSP in an urban atmosphere. *Environmental Monitoring and Assessment*, **2006**, 114, 573-87	3.1	33
8	Status of Selected Heavy Metal Distribution in Scalp Hair of Traffic Control Personnel Exposed to Vehicular Emissions. *Human and Ecological Risk Assessment (HERA)*, **2005**, 11, 1065-1075	4.9	10
7	Age and Gender-Based Comparison of Nickel Content of Scalp Hair of Edible Oil- and Hydrogenated Oil-Consuming Populations. *Human and Ecological Risk Assessment (HERA)*, **2005**, 11, 1237-1246	4.9	5
6	Multivariate analysis of selected metals in tannery effluents and related soil. *Journal of Hazardous Materials*, **2005**, 122, 17-22	12.8	74
5	A Study of Airborne Selected Metals and Particle Size Distribution in Relation to Climatic Variables and their Source Identification. *Water, Air, and Soil Pollution*, **2005**, 164, 275-294	2.6	21
4	A comparative study based on gender and age dependence of selected metals in scalp hair. *Environmental Monitoring and Assessment*, **2005**, 104, 45-57	3.1	65
3	Pre- and post-expiry metal levels in canned dry milk. *Nutrition and Food Science*, **2004**, 34, 65-71	1.5	3
2	Screening of urban aerosol particulate composites for selected metal distribution and their dependence on meteorological parameters. *Annali Di Chimica*, **2004**, 94, 805-15		6
1	Distribution of lead in relation to size of airborne particulate matter in Islamabad, Pakistan. *Journal of Environmental Management*, **2004**, 70, 95-100	7.9	19