

Munir H Shah

List of Publications by Citations

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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	Distribution, correlation and risk assessment of selected metals in urban soils from Islamabad, Pakistan. <i>Journal of Hazardous Materials</i> , 2011 , 192, 887-98	12.8	118
100	Ethnobotanical appraisal and cultural values of medicinally important wild edible vegetables of Lesser Himalayas-Pakistan. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2013 , 9, 66	3.9	111
99	Multivariate analysis of trace metal levels in tannery effluents in relation to soil and water: a case study from Peshawar, Pakistan. <i>Journal of Environmental Management</i> , 2006 , 79, 20-9	7.9	92
98	Ethnobotanical survey of medicinally important wild edible fruits species used by tribal communities of Lesser Himalayas-Pakistan. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 528-36	5	83
97	Multivariate analysis of trace metals in textile effluents in relation to soil and groundwater. <i>Journal of Hazardous Materials</i> , 2006 , 137, 31-7	12.8	81
96	Geochemical speciation, anthropogenic contamination, risk assessment and source identification of selected metals in freshwater sediments: A case study from Mangla Lake, Pakistan. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2015 , 4, 27-36	3.3	76
95	Multivariate analysis of selected metals in tannery effluents and related soil. <i>Journal of Hazardous Materials</i> , 2005 , 122, 17-22	12.8	74
94	Health risk assessment and multivariate apportionment of trace metals in wild leafy vegetables from Lesser Himalayas, Pakistan. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 92, 237-44	7	70
93	Investigation of trace metals in the blood plasma and scalp hair of gastrointestinal cancer patients in comparison with controls. <i>Clinica Chimica Acta</i> , 2010 , 411, 531-9	6.2	66
92	Statistical source identification of metals in groundwater exposed to industrial contamination. <i>Environmental Monitoring and Assessment</i> , 2008 , 138, 159-65	3.1	66
91	A comparative study based on gender and age dependence of selected metals in scalp hair. <i>Environmental Monitoring and Assessment</i> , 2005 , 104, 45-57	3.1	65
90	Health Risk Assessment of Metals in Surface Water from Freshwater Source Lakes, Pakistan. <i>Human and Ecological Risk Assessment (HERA)</i> , 2013 , 19, 1530-1543	4.9	58
89	Spatial variations in selected metal contents and particle size distribution in an urban and rural atmosphere of Islamabad, Pakistan. <i>Journal of Environmental Management</i> , 2006 , 78, 128-37	7.9	54
88	Statistical analysis of atmospheric trace metals and particulate fractions in Islamabad, Pakistan. <i>Journal of Hazardous Materials</i> , 2007 , 147, 759-67	12.8	53
87	Annual and Seasonal Variations of Trace Metals in Atmospheric Suspended Particulate Matter in Islamabad, Pakistan. <i>Water, Air, and Soil Pollution</i> , 2008 , 190, 13-25	2.6	53
86	Phytochemical profiles and antioxidant activity of different varieties of Adinandra Tea (Adinandra Jack). <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 169-76	5.7	50
85	Assessment of the trace elements level in urban atmospheric particulate matter and source apportionment in Islamabad, Pakistan. <i>Atmospheric Pollution Research</i> , 2012 , 3, 39-45	4.5	50

84	Statistical analysis of trace metals in the plasma of cancer patients versus controls. <i>Journal of Hazardous Materials</i> , 2008 , 153, 1215-21	12.8	50
83	Seasonal variations, risk assessment and multivariate analysis of trace metals in the freshwater reservoirs of Pakistan. <i>Chemosphere</i> , 2019 , 216, 715-724	8.4	47
82	Statistical apportionment and risk assessment of selected metals in sediments from Rawal Lake (Pakistan). <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 729-43	3.1	46
81	Ethnomedicinal values, phenolic contents and antioxidant properties of wild culinary vegetables. <i>Journal of Ethnopharmacology</i> , 2015 , 162, 333-45	5	45
80	Fractionation, bioavailability, contamination and environmental risk of heavy metals in the sediments from a freshwater reservoir, Pakistan. <i>Journal of Geochemical Exploration</i> , 2018 , 184, 199-208 ^{3.8}	3.8	45
79	Indoor/outdoor relationship of trace metals in the atmospheric particulate matter of an industrial area. <i>Atmospheric Research</i> , 2011 , 101, 765-772	5.4	44
78	Distribution, correlation, and source apportionment of selected metals in tannery effluents, related soils, and groundwater--a case study from Multan, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2010 , 166, 303-12	3.1	44
77	Comparative evaluation of trace metal distribution and correlation in human malignant and benign breast tissues. <i>Biological Trace Element Research</i> , 2008 , 125, 30-40	4.5	44
76	Seasonal behaviours in elemental composition of atmospheric aerosols collected in Islamabad, Pakistan. <i>Atmospheric Research</i> , 2010 , 95, 210-223	5.4	41
75	Assessment of background levels of trace metals in water and soil from a remote region of Himalaya. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 1243-52	3.1	35
74	Phytochemical profiles and antioxidant activities in six species of ramie leaves. <i>PLoS ONE</i> , 2014 , 9, e108149	3.9	34
73	Ethnobotanical and antimicrobial study of some selected medicinal plants used in Khyber Pakhtunkhwa (KPK) as a potential source to cure infectious diseases. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 122	4.7	33
72	Characterization, source apportionment and health risk assessment of trace metals in freshwater Rawal Lake, Pakistan. <i>Journal of Geochemical Exploration</i> , 2013 , 125, 94-101	3.8	33
71	Characterization, source identification and apportionment of selected metals in TSP in an urban atmosphere. <i>Environmental Monitoring and Assessment</i> , 2006 , 114, 573-87	3.1	33
70	Comparative statistical analysis of chrome and vegetable tanning effluents and their effects on related soil. <i>Journal of Hazardous Materials</i> , 2009 , 169, 285-90	12.8	32
69	Evaluation of Polyphenolics Content and Antioxidant Activity in Edible Wild Fruits. <i>BioMed Research International</i> , 2019 , 2019, 1381989	3	31
68	Occurrence, risk assessment, and source apportionment of heavy metals in surface sediments from Khanpur Lake, Pakistan. <i>Journal of Analytical Science and Technology</i> , 2014 , 5,	3.4	31
67	Study of seasonal variations and risk assessment of selected metals in sediments from Mangla Lake, Pakistan. <i>Journal of Geochemical Exploration</i> , 2013 , 125, 144-152	3.8	31

66	Study of seasonal variations and health risk assessment of heavy metals in <i>Cyprinus carpio</i> from Rawal Lake, Pakistan. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 2025-37	3.1	29
65	Non-carcinogenic and carcinogenic health risk assessment of selected metals in soil around a natural water reservoir, Pakistan. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 108, 42-51	7	29
64	Evaluation of the mobility and pollution index of selected essential/toxic metals in paddy soil by sequential extraction method. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 147, 283-291	7	26
63	Comparison of trace elements in the scalp hair of malignant and benign breast lesions versus healthy women. <i>Biological Trace Element Research</i> , 2010 , 134, 160-73	4.5	26
62	Evaluation of heavy metals in cosmetic products and their health risk assessment. <i>Saudi Pharmaceutical Journal</i> , 2020 , 28, 779-790	4.4	25
61	Enhancing antioxidant activity and antiproliferation of wheat bran through steam flash explosion. <i>Journal of Food Science and Technology</i> , 2016 , 53, 3028-3034	3.3	25
60	Comparative metal distribution in hair of Pakistani and Libyan population and source identification by multivariate analysis. <i>Environmental Monitoring and Assessment</i> , 2006 , 114, 505-19	3.1	23
59	A Study of Airborne Selected Metals and Particle Size Distribution in Relation to Climatic Variables and their Source Identification. <i>Water, Air, and Soil Pollution</i> , 2005 , 164, 275-294	2.6	21
58	Spatial distribution, environmental assessment and source identification of metals content in surface sediments of freshwater reservoir, Pakistan. <i>Chemie Der Erde</i> , 2016 , 76, 171-177	4.3	20
57	Characterization and distribution of the selected metals in the scalp hair of cancer patients in comparison with normal donors. <i>Biological Trace Element Research</i> , 2007 , 118, 207-16	4.5	19
56	Distribution of lead in relation to size of airborne particulate matter in Islamabad, Pakistan. <i>Journal of Environmental Management</i> , 2004 , 70, 95-100	7.9	19
55	Lipase-catalyzed synthesis mechanism of tri-acetylated phloridzin and its antiproliferative activity against HepG2 cancer cells. <i>Food Chemistry</i> , 2019 , 277, 186-194	8.5	19
54	Phytochemical content, cellular antioxidant activity and antiproliferative activity of <i>Adinandra nitida</i> tea (Shiyacha) infusion subjected to in vitro gastrointestinal digestion. <i>RSC Advances</i> , 2017 , 7, 50430-50440	3.7	18
53	Comparative study of trace elements in blood, scalp hair and nails of prostate cancer patients in relation to healthy donors. <i>Biological Trace Element Research</i> , 2014 , 162, 46-57	4.5	18
52	Annual TSP and Trace Metal Distribution in the Urban Atmosphere of Islamabad in Comparison with Mega-Cities of the World. <i>Human and Ecological Risk Assessment (HERA)</i> , 2007 , 13, 884-899	4.9	17
51	Statistical Evaluation of Trace Metals, TSH and T in Blood Serum of Thyroid Disease Patients in Comparison with Controls. <i>Biological Trace Element Research</i> , 2018 , 183, 58-70	4.5	16
50	Comparative distribution of the scalp hair trace metal contents in the benign tumour patients and normal donors. <i>Environmental Monitoring and Assessment</i> , 2008 , 147, 377-88	3.1	15
49	Multivariate analysis of the selected metals in the hair of cerebral palsy patients versus controls. <i>Biological Trace Element Research</i> , 2006 , 111, 11-22	4.5	15

48	Accumulation of selected metals in the fruits of medicinal plants grown in urban environment of Islamabad, Pakistan. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 308-317	5.9	15
47	Dissolved concentrations, sources, and risk evaluation of selected metals in surface water from Mangla Lake, Pakistan. <i>Scientific World Journal, The</i> , 2014 , 2014, 948396	2.2	14
46	Phytochemical profiling, antioxidant and HepG2 cancer cells' antiproliferation potential in the kernels of apricot cultivars. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 163-172	4	14
45	Study of trace metal imbalances in the blood, scalp hair and nails of oral cancer patients from Pakistan. <i>Science of the Total Environment</i> , 2017 , 593-594, 191-201	10.2	13
44	Comparative Study of Elemental Concentrations in the Scalp Hair and Nails of Myocardial Infarction Patients Versus Controls from Pakistan. <i>Biological Trace Element Research</i> , 2015 , 166, 123-35	4.5	13
43	Comparative assessment of selected metals in the scalp hair and nails of lung cancer patients and controls. <i>Biological Trace Element Research</i> , 2014 , 158, 305-22	4.5	13
42	Wild Edible Vegetables of Lesser Himalayas 2015 ,		12
41	Scalp hair metal analysis in the assessment of the occupational exposure of arc welders. <i>Toxicological and Environmental Chemistry</i> , 2006 , 88, 697-704	1.4	12
40	Non-carcinogenic health risk assessment and source apportionment of selected metals in source freshwater Khanpur Lake, Pakistan. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012 , 88, 177-81	2.7	11
39	Multivariate statistical evaluation of trace metal levels in the blood of atherosclerosis patients in comparison with healthy subjects. <i>Heliyon</i> , 2016 , 2, e00054	3.6	11
38	Distribution, source identification and risk assessment of selected metals in sediments from freshwater lake. <i>International Journal of Sediment Research</i> , 2015 , 30, 241-249	3	10
37	Stir-frying treatments affect the phenolics profiles and cellular antioxidant activity of Adinandra nitida tea (Shiyacha) in daily tea model. <i>International Journal of Food Science and Technology</i> , 2017 , 52, 1820-1827	3.8	10
36	Status of Selected Heavy Metal Distribution in Scalp Hair of Traffic Control Personnel Exposed to Vehicular Emissions. <i>Human and Ecological Risk Assessment (HERA)</i> , 2005 , 11, 1065-1075	4.9	10
35	Pollution assessment and source apportionment of selected metals in rural (Bagh) and urban (Islamabad) farmlands, Pakistan. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	8
34	Diurnal and nocturnal variations of trace metals in urban atmospheric particulate matter from Islamabad, Pakistan. <i>Environmental Earth Sciences</i> , 2014 , 71, 817-826	2.9	8
33	Comparison of Nutritional Value, Antioxidant Potential, and Risk Assessment of the Mulberry (Morus) Fruits. <i>International Journal of Fruit Science</i> , 2016 , 16, 113-134	1.2	7
32	Spatial/Temporal Characterization and Risk Assessment of Trace Metals in Mangla Reservoir, Pakistan. <i>Journal of Chemistry</i> , 2015 , 2015, 1-11	2.3	7
31	Comparative assessment of essential and toxic metals in the blood of rheumatoid arthritis patients and healthy subjects. <i>Biological Trace Element Research</i> , 2012 , 146, 13-22	4.5	7

30	Quantification of heavy metals and health risk assessment in processed fruits/products. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 8965-8978	5.9	6
29	Comparative evaluation of trace metals in the blood of hepatitis C patients and healthy donors. <i>Biological Trace Element Research</i> , 2011 , 143, 751-63	4.5	6
28	Comparative evaluation of trace elements in the scalp hair of arthritis patients and healthy donors. <i>Toxicological and Environmental Chemistry</i> , 2011 , 93, 2123-2134	1.4	6
27	Screening of urban aerosol particulate composites for selected metal distribution and their dependence on meteorological parameters. <i>Annali Di Chimica</i> , 2004 , 94, 805-15		6
26	Age and Gender-Based Comparison of Nickel Content of Scalp Hair of Edible Oil- and Hydrogenated Oil-Consuming Populations. <i>Human and Ecological Risk Assessment (HERA)</i> , 2005 , 11, 1237-1246	4.9	5
25	Abnormalities of Selected Trace Elements in Patients with Coronary Artery Disease. <i>Acta Cardiologica Sinica</i> , 2015 , 31, 518-27	1.1	5
24	Disparities of Selected Metal Levels in the Blood and Scalp Hair of Ischemia Heart Disease Patients and Healthy Subjects. <i>Biological Trace Element Research</i> , 2017 , 180, 191-205	4.5	4
23	Comparative Distribution, Correlation, and Chemometric Analyses of Selected Metals in Scalp Hair of Angina Patients and Healthy Subjects. <i>Biological Trace Element Research</i> , 2015 , 168, 33-43	4.5	4
22	Water quality evaluation, health risk assessment and multivariate apportionment of selected elements from Simly Lake, Pakistan. <i>Water Science and Technology: Water Supply</i> , 2012 , 12, 588-594	1.4	4
21	Integrated Approach to Hydrogeochemical Appraisal and Quality Assessment of Groundwater from Sargodha District, Pakistan. <i>Geofluids</i> , 2020 , 2020, 1-15	1.5	4
20	Spatio-Temporal Variability and Pollution Assessment of Selected Metals in Freshwater Sediments, Pakistan. <i>Clean - Soil, Air, Water</i> , 2016 , 44, 402-410	1.6	4
19	Appraisal of Metal Imbalances in the Blood of Thyroid Cancer Patients in Comparison with Healthy Subjects. <i>Biological Trace Element Research</i> , 2020 , 198, 410-422	4.5	3
18	Disparities in the Concentrations of Essential/Toxic Elements in the Blood and Scalp Hair of Lymphoma Patients and Healthy Subjects. <i>Scientific Reports</i> , 2019 , 9, 15363	4.9	3
17	Estimation of iodine in fortified salts by an improved electrometric method. <i>Nutrition and Food Science</i> , 2007 , 37, 115-122	1.5	3
16	Pre- and post-expiry metal levels in canned dry milk. <i>Nutrition and Food Science</i> , 2004 , 34, 65-71	1.5	3
15	Study of Trace Metal Imbalances in the Scalp Hair of Stomach Cancer Patients with Different Types and Stages. <i>Biological Trace Element Research</i> , 2020 , 196, 365-374	4.5	3
14	Assessment of water quality for drinking/irrigation purpose from Mangla dam, Pakistan. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2016 , 16, 137-145	1.8	2
13	Statistical evaluation of essential/toxic metal levels in the blood of valvular heart disease patients in comparison with controls. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017 , 52, 571-579	2.3	2

12	Screening of Trace Metals in the Plasma of Breast Cancer Patients in Comparison with a Healthy Population. <i>Human and Ecological Risk Assessment (HERA)</i> , 2009 , 15, 1016-1032	4.9	2
11	Disparities in Trace Metal Levels in Hodgkin/Non-Hodgkin Lymphoma Patients in Comparison with Controls. <i>Biological Trace Element Research</i> , 2020 , 194, 34-47	4.5	2
10	Study of fractionation, mobility and risk assessment of selected metals in suburban, urban and roadside soil from Pakistan. <i>Environmental Earth Sciences</i> , 2021 , 80, 1	2.9	2
9	Study of Selected Metals Distribution, Source Apportionment, and Risk Assessment in Suburban Soil, Pakistan. <i>Journal of Chemistry</i> , 2015 , 2015, 1-8	2.3	1
8	Comparative evaluation of trace elements in the blood of chronic bronchitis patients and healthy donors. <i>Trace Elements and Electrolytes</i> , 2013 , 30, 122-129	1.8	1
7	Metal Levels in Wild Edible Vegetables 2015 , 169-235		1
6	Spatial distribution, pollution characterization and health risk assessment of selected metals in groundwater of Lahore, Pakistan. <i>Chemie Der Erde</i> , 2021 , 81, 125692	4.3	1
5	Study of Essential and Toxic Metal Imbalances in the Scalp Hair of Thyroid Cancer Patients in Comparison with Healthy Donors. <i>Biological Trace Element Research</i> , 2021 , 199, 500-512	4.5	1
4	Evaluation of Contamination Status and Health Risk Assessment of Essential and Toxic Metals in <i>Cyprinus carpio</i> from Mangla Lake, Pakistan. <i>Biological Trace Element Research</i> , 2021 , 199, 4284-4294	4.5	1
3	Chemometric Evaluation of Elemental Imbalances in the Scalp Hair of Valvular Heart Disease Patients in Comparison with Healthy Donors. <i>Biological Trace Element Research</i> , 2018 , 181, 10-21	4.5	1
2	Analysis and health risk assessment of heavy metals in some onion varieties. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103364	5.9	1
1	Evaluation of antioxidant activities and essential/toxicmetal levels and their health risk assessment in citrus fruits from Pakistan. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 650	3.1	