

Munir H Shah

List of Publications by Year in descending order

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105
papers

3,474
citations

101384

36
h-index

161609

54
g-index

105
all docs

105
docs citations

105
times ranked

3752
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution, correlation and risk assessment of selected metals in urban soils from Islamabad, Pakistan. <i>Journal of Hazardous Materials</i> , 2011, 192, 887-898.	6.5	144
2	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.	1.1	143
3	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, 20-29.	3.8	115
4	Ethnobotanical survey of medicinally important wild edible fruits species used by tribal communities of Lesser Himalayas-Pakistan. <i>Journal of Ethnopharmacology</i> , 2013, 148, 528-536.	2.0	115
5	Multivariate analysis of trace metals in textile effluents in relation to soil and groundwater. <i>Journal of Hazardous Materials</i> , 2006, 137, 31-37.	6.5	102
6	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.	1.7	90
7	Multivariate analysis of selected metals in tannery effluents and related soil. <i>Journal of Hazardous Materials</i> , 2005, 122, 17-22.	6.5	86
8	Seasonal variations, risk assessment and multivariate analysis of trace metals in the freshwater reservoirs of Pakistan. <i>Chemosphere</i> , 2019, 216, 715-724.	4.2	85
9	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, 237-244.	2.9	83
10	Statistical source identification of metals in groundwater exposed to industrial contamination. <i>Environmental Monitoring and Assessment</i> , 2008, 138, 159-165.	1.3	82
11	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.	1.5	80
12	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, 531-539.	0.5	78
13	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.	1.7	75
14	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.	1.3	74
15	Evaluation of heavy metals in cosmetic products and their health risk assessment. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 779-790.	1.2	70
16	Statistical apportionment and risk assessment of selected metals in sediments from Rawal Lake (Pakistan). <i>Environmental Monitoring and Assessment</i> , 2013, 185, 729-743.	1.3	66
17	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, 128-137.	3.8	65
18	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.	1.8	63

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19	Statistical analysis of trace metals in the plasma of cancer patients versus controls. Journal of Hazardous Materials, 2008, 153, 1215-1221.	6.5	59
20	Statistical analysis of atmospheric trace metals and particulate fractions in Islamabad, Pakistan. Journal of Hazardous Materials, 2007, 147, 759-767.	6.5	58
21	Phytochemical Profiles and Antioxidant Activity of Different Varieties of <i>Adinandra</i> Tea (<i>Adinandra</i> Jack). Journal of Agricultural and Food Chemistry, 2015, 63, 169-176.	2.4	58
22	Annual and Seasonal Variations of Trace Metals in Atmospheric Suspended Particulate Matter in Islamabad, Pakistan. Water, Air, and Soil Pollution, 2008, 190, 13-25.	1.1	57
23	Indoor/outdoor relationship of trace metals in the atmospheric particulate matter of an industrial area. Atmospheric Research, 2011, 101, 765-772.	1.8	57
24	Comparative Evaluation of Trace Metal Distribution and Correlation in Human Malignant and Benign Breast Tissues. Biological Trace Element Research, 2008, 125, 30-40.	1.9	53
25	Ethnomedicinal values, phenolic contents and antioxidant properties of wild culinary vegetables. Journal of Ethnopharmacology, 2015, 162, 333-345.	2.0	53
26	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, 303-312.	1.3	51
27	Seasonal behaviours in elemental composition of atmospheric aerosols collected in Islamabad, Pakistan. Atmospheric Research, 2010, 95, 210-223.	1.8	51
28	Evaluation of Polyphenolics Content and Antioxidant Activity in Edible Wild Fruits. BioMed Research International, 2019, 2019, 1-11.	0.9	50
29	Phytochemical Profiles and Antioxidant Activities in Six Species of Ramie Leaves. PLoS ONE, 2014, 9, e108140.	1.1	44
30	Assessment of background levels of trace metals in water and soil from a remote region of Himalaya. Environmental Monitoring and Assessment, 2012, 184, 1243-1252.	1.3	43
31	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.	3.7	42
32	Occurrence, risk assessment, and source apportionment of heavy metals in surface sediments from Khanpur Lake, Pakistan. Journal of Analytical Science and Technology, 2014, 5, .	1.0	42
33	Enhancing antioxidant activity and antiproliferation of wheat bran through steam flash explosion. Journal of Food Science and Technology, 2016, 53, 3028-3034.	1.4	42
34	Characterization, source apportionment and health risk assessment of trace metals in freshwater Rawal Lake, Pakistan. Journal of Geochemical Exploration, 2013, 125, 94-101.	1.5	40
35	Study of seasonal variations and health risk assessment of heavy metals in <i>Cyprinus carpio</i> from Rawal Lake, Pakistan. Environmental Monitoring and Assessment, 2014, 186, 2025-2037.	1.3	39
36	Study of seasonal variations and risk assessment of selected metals in sediments from Mangla Lake, Pakistan. Journal of Geochemical Exploration, 2013, 125, 144-152.	1.5	38

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37	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.	2.9	38
38	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.	2.9	37
39	Characterization, Source Identification and Apportionment of Selected Metals in TSP in an Urban Atmosphere. <i>Environmental Monitoring and Assessment</i> , 2006, 114, 573-587.	1.3	35
40	Comparative statistical analysis of chrome and vegetable tanning effluents and their effects on related soil. <i>Journal of Hazardous Materials</i> , 2009, 169, 285-290.	6.5	34
41	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.	2.3	33
42	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.	1.9	31
43	Distribution and Bioaccumulation of Essential and Toxic Metals in Tissues of Thaila (<i>Catla catla</i>) from a Natural Lake, Pakistan and Its Possible Health Impact on Consumers. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 933.	1.2	31
44	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, 160-173.	1.9	30
45	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.	0.8	28
46	Lipase-catalyzed synthesis mechanism of tri-acetylated phloridzin and its antiproliferative activity against HepG2 cancer cells. <i>Food Chemistry</i> , 2019, 277, 186-194.	4.2	28
47	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.	1.1	26
48	Phytochemical profiling, antioxidant and HepG2 cancer cells's antiproliferation potential in the kernels of apricot cultivars. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 163-172.	1.8	26
49	Quantification of heavy metals and health risk assessment in processed fruits's products. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8965-8978.	2.3	25
50	Comparative Metal Distribution in Hair of Pakistani and Libyan Population and Source Identification by Multivariate Analysis. <i>Environmental Monitoring and Assessment</i> , 2006, 114, 505-519.	1.3	24
51	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.	1.7	24
52	Variations in Total Phenolic, Total Flavonoid Contents, and Free Radicals's Scavenging Potential of Onion Varieties Planted under Diverse Environmental Conditions. <i>Plants</i> , 2022, 11, 950.	1.6	24
53	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, 207-216.	1.9	23
54	Wild Edible Vegetables of Lesser Himalayas. , 2015, , .		23

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55	Statistical Evaluation of Trace Metals, TSH and T4 in Blood Serum of Thyroid Disease Patients in Comparison with Controls. <i>Biological Trace Element Research</i> , 2018, 183, 58-70.	1.9	22
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.	3.8	21
57	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.	1.7	21
58	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.	1.9	19
59	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, 305-322.	1.9	19
60	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.	3.9	19
61	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, 123-135.	1.9	17
62	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, 377-388.	1.3	16
63	Dissolved Concentrations, Sources, and Risk Evaluation of Selected Metals in Surface Water from Mangla Lake, Pakistan. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	0.8	16
64	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.	1.8	16
65	Multivariate statistical evaluation of trace metal levels in the blood of atherosclerosis patients in comparison with healthy subjects. <i>Heliyon</i> , 2016, 2, e00054.	1.4	16
66	Scalp hair metal analysis in the assessment of the occupational exposure of arc welders. <i>Toxicological and Environmental Chemistry</i> , 2006, 88, 697-704.	0.6	15
67	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, 177-181.	1.3	15
68	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.	1.7	14
69	Stir-frying treatments affect the phenolics profiles and cellular antioxidant activity of <i>Adinandra nitida</i> tea (Shiyacha) in daily tea model. <i>International Journal of Food Science and Technology</i> , 2017, 52, 1820-1827.	1.3	12
70	Spatial distribution, pollution characterization and health risk assessment of selected metals in groundwater of Lahore, Pakistan. <i>Chemie Der Erde</i> , 2021, 81, 125692.	0.8	12
71	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.	1.9	11
72	Integrated Approach to Hydrogeochemical Appraisal and Quality Assessment of Groundwater from Sargodha District, Pakistan. <i>Geofluids</i> , 2020, 2020, 1-15.	0.3	11

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73	Spatial/Temporal Characterization and Risk Assessment of Trace Metals in Mangla Reservoir, Pakistan. <i>Journal of Chemistry</i> , 2015, 2015, 1-11.	0.9	10
74	Comparison of Nutritional Value, Antioxidant Potential, and Risk Assessment of the Mulberry (<i>Morus</i>) Fruits. <i>International Journal of Fruit Science</i> , 2016, 16, 113-134.	1.2	9
75	Pollution assessment and source apportionment of selected metals in rural (Bagh) and urban (Islamabad) farmlands, Pakistan. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	9
76	Analysis and health risk assessment of heavy metals in some onion varieties. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103364.	2.3	9
77	Screening of Urban Aerosol Particulate Composites for Selected Metal Distribution and Their Dependence on Meteorological Parameters. <i>Annali Di Chimica</i> , 2004, 94, 805-815.	0.6	8
78	Diurnal and nocturnal variations of trace metals in urban atmospheric particulate matter from Islamabad, Pakistan. <i>Environmental Earth Sciences</i> , 2014, 71, 817-826.	1.3	8
79	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.	1.9	8
80	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.	1.9	8
81	Mobility, bioaccessibility, pollution assessment and risk characterization of potentially toxic metals in the urban soil of Lahore, Pakistan. <i>Environmental Geochemistry and Health</i> , 2023, 45, 1391-1412.	1.8	8
82	Comparative Evaluation of Trace Metals in the Blood of Hepatitis C Patients and Healthy Donors. <i>Biological Trace Element Research</i> , 2011, 143, 751-763.	1.9	7
83	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.	1.9	7
84	Pre- and post-expiry metal levels in canned dry milk. <i>Nutrition and Food Science</i> , 2004, 34, 65-71.	0.4	6
85	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.	0.6	6
86	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.	1.9	6
87	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.	1.9	6
88	Abnormalities of Selected Trace Elements in Patients with Coronary Artery Disease. <i>Acta Cardiologica Sinica</i> , 2015, 31, 518-27.	0.1	6
89	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.	1.7	5
90	Study of Selected Metals Distribution, Source Apportionment, and Risk Assessment in Suburban Soil, Pakistan. <i>Journal of Chemistry</i> , 2015, 2015, 1-8.	0.9	5

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91	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.	1.6	5
92	Estimation of iodine in fortified salts by an improved electrometric method. <i>Nutrition and Food Science</i> , 2007, 37, 115-122.	0.4	4
93	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.	1.7	4
94	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.	1.0	4
95	Spatio-temporal Variability and Pollution Assessment of Selected Metals in Freshwater Sediments, Pakistan. <i>Clean - Soil, Air, Water</i> , 2016, 44, 402-410.	0.7	4
96	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.	1.3	4
97	Assessment of water quality for drinking/irrigation purpose from Mangla dam, Pakistan. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2016, 16, 137-145.	0.5	3
98	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.	0.9	2
99	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.	1.9	2
100	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.	1.9	2
101	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.	0.1	1
102	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.	1.9	1
103	Evaluation of antioxidant activities and essential/toxic metal levels and their health risk assessment in citrus fruits from Pakistan. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 650.	1.3	1
104	Metal Levels in Wild Edible Vegetables. , 2015, , 169-235.		1
105	Comparative assessment of trace metals in the blood of ovary cancer patients and controls. <i>Trace Elements and Electrolytes</i> , 2015, 32, 65-73.	0.1	0