

Zafar Iqbal Khan

List of Publications by Year in descending order

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67
papers

1,107
citations

361296

20
h-index

477173

29
g-index

69
all docs

69
docs citations

69
times ranked

684
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Potential Toxic Metals Accumulation in Wheat Irrigated with Wastewater. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 822-828.	1.3	64
2	Health risk assessment of heavy metals in wheat using different water qualities: implication for human health. Environmental Science and Pollution Research, 2017, 24, 947-955.	2.7	49
3	Potential Toxic Metal Accumulation in Soil, Forage and Blood Plasma of Buffaloes Sampled from Jhang, Pakistan. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 235-242.	1.3	49
4	Mineral, vitamin and phenolic contents and sugar profiles of some prominent date palm (Phoenix) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	43
5	Assessment of Trace Metal and Metalloid Accumulation and Human Health Risk from Vegetables Consumption through Spinach and Coriander Specimens Irrigated with Wastewater. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 787-795.	1.3	40
6	Effect of Organic Manure and Mineral Fertilizers on Bioaccumulation and Translocation of Trace Metals in Maize. Bulletin of Environmental Contamination and Toxicology, 2020, 104, 649-657.	1.3	40
7	Health risk assessment of heavy metals and metalloids via dietary intake of a potential vegetable (<i>Coriandrum sativum</i> L.) grown in contaminated water irrigated agricultural sites of Sargodha, Pakistan. Human and Ecological Risk Assessment (HERA), 2016, 22, 597-610.	1.7	38
8	Toxicological potential of cobalt in forage for ruminants grown in polluted soil: a health risk assessment from trace metal pollution for livestock. Environmental Science and Pollution Research, 2019, 26, 15381-15389.	2.7	38
9	Risk Assessment of Heavy Metals in Basmati Rice: Implications for Public Health. Sustainability, 2021, 13, 8513.	1.6	37
10	Determination of Toxic Metals in Fruits of <i>Abelmoschus esculentus</i> Grown in Contaminated Soils with Different Irrigation Sources by Spectroscopic Method. International Journal of Environmental Research, 2018, 12, 503-511.	1.1	35
11	Health risk assessment through determining bioaccumulation of iron in forages grown in soil irrigated with city effluent. Environmental Science and Pollution Research, 2019, 26, 14277-14286.	2.7	35
12	Effects of organic and chemical fertilizers on the growth, heavy metal/metalloid accumulation, and human health risk of wheat (<i>Triticum aestivum</i> L.). Environmental Science and Pollution Research, 2021, 28, 12533-12545.	2.7	35
13	Concentrations of minerals in milk of sheep and goats grazing similar pastures in a semiarid region of Pakistan. Small Ruminant Research, 2006, 65, 274-278.	0.6	31
14	Trace Metal Accumulation in <i>Trigonella foenum-graecum</i> Irrigated with Wastewater and Human Health Risk of Metal Access Through the Consumption. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 468-475.	1.3	31
15	Effect of Sewage Water on Accumulation of Metals in Soil and Wheat in Punjab, Pakistan. Pakistan Journal of Analytical and Environmental Chemistry, 2019, 20, 60-66.	0.2	30
16	Copper bioaccumulation and translocation in forages grown in soil irrigated with sewage water. Pakistan Journal of Botany, 2020, 52, .	0.2	30
17	Trace metal accumulation in pepper (<i>Capsicum annum</i> L.) grown using organic fertilizers and health risk assessment from consumption. Food Research International, 2021, 140, 109992.	2.9	28
18	Risk assessment of heavy metal and metalloid toxicity through a contaminated vegetable (<i>Cucurbita</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Pakistan. Human and Ecological Risk Assessment (HERA), 2016, 22, 86-98.	1.7	24

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19	Biomonitoring of heavy metals accumulation in wild plants growing at Soon valley, Khushab, Pakistan. <i>Pakistan Journal of Botany</i> , 2021, 53, .	0.2	22
20	Seasonal Variation of Trace Elements in a Semiarid Veld Pasture. <i>Communications in Soil Science and Plant Analysis</i> , 2006, 37, 1471-1483.	0.6	21
21	Evaluation of toxicity potential of cobalt in wheat irrigated with wastewater: health risk implications for public. <i>Environmental Science and Pollution Research</i> , 2021, 28, 21119-21131.	2.7	20
22	Human health risk assessment through the comparative analysis of diverse irrigation regimes for Luffa (<i>Luffa cylindrica</i> (L.) Roem.). <i>Journal of Water Sanitation and Hygiene for Development</i> , 2020, 10, 249-261.	0.7	19
23	Comparative evaluation of groundwater, wastewater and canal water for irrigation on toxic metal accumulation in soil and vegetable: Pollution load and health risk assessment. <i>Agricultural Water Management</i> , 2022, 264, 107515.	2.4	19
24	Transfer of Heavy Metals from Different Sources of Fertilizers in Wheat Variety (Galaxy-13). <i>Asian Journal of Biological Sciences</i> , 2019, 12, 832-841.	0.2	18
25	Metal accumulation in <i>Raphanus sativus</i> and <i>Brassica rapa</i> : an assessment of potential health risk for inhabitants in Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16676-16685.	2.7	17
26	Assessment of lead toxicity in diverse irrigation regimes and potential health implications of agriculturally grown crops in Pakistan. <i>Agricultural Water Management</i> , 2022, 271, 107743.	2.4	17
27	A study on the transfer of chromium from meadows to grazing livestock: an assessment of health risk. <i>Environmental Science and Pollution Research</i> , 2020, 27, 26694-26701.	2.7	16
28	Chromium Bioaccumulation by Plants and Grazing Livestock as Affected by the Application of Sewage Irrigation Water: Implications to the Food Chain and Health Risk. <i>International Journal of Environmental Research</i> , 2021, 15, 261-274.	1.1	16
29	Bioaccumulation and transfer of zinc in soil plant and animal system: a health risk assessment for the grazing animals. <i>Environmental Science and Pollution Research</i> , 2022, 29, 2718-2727.	2.7	15
30	Risk assessment of heavy metal toxicity through contaminated vegetable from sewage water: Implications for populace health. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 302-311.	1.7	14
31	Evaluation of heavy metals uptake by wheat growing in sewage water irrigated soil. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 1409-1420.	1.7	13
32	Assessment of Trace Metal Contents of Indigenous and Improved Pastures and Their Implications for Livestock in Terms of Seasonal Variations. <i>Revista De Chimie (discontinued)</i> , 2020, 71, 347-364.	0.2	13
33	Evaluation of potential ecological risk and prediction of zinc accumulation and its transfer in soil plants and ruminants: public health implications. <i>Environmental Science and Pollution Research</i> , 2022, 29, 3386-3393.	2.7	11
34	Contamination of soil and carrots irrigated with different sources of water in Punjab, Pakistan. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	10
35	Evaluation of toxic potential of metals in wheat crop grown in wastewater-contaminated soil in Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2019, 26, 24958-24966.	2.7	10
36	Effect of wastewater irrigation as an alternative irrigation resource on heavy metal accumulation in ginger (<i>Zingiber officinale</i> Rosc.) and human health risk from consumption. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	10

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37	Blood, Hair and Feces as an Indicator of Environmental Exposure of Sheep, Cow and Buffalo to Cobalt: A Health Risk Perspectives. Sustainability, 2021, 13, 7873.	1.6	10
38	Ecological risk assessment of heavy metal chromium in a contaminated pastureland area in the Central Punjab, Pakistan: soils vs plants vs ruminants. Environmental Science and Pollution Research, 2022, 29, 4170-4179.	2.7	10
39	Effect of sewage water on mineral nutritive potential of six fodder species grown under semiarid conditions. Saudi Journal of Biological Sciences, 2011, 18, 317-321.	1.8	9
40	Potentially toxic metal accumulation in grains of wheat variety Galaxy-2013 irrigated with sugar industry wastewater and human health risk assessment. Euro-Mediterranean Journal for Environmental Integration, 2021, 6, 1.	0.6	9
41	Quantitative analysis of lead in cows and buffaloes for health assessment. Environmental Science and Pollution Research, 2020, 27, 8621-8627.	2.7	8
42	Evaluating pasture and soil allowance of manganese for Kajli rams grazing in semi-arid environment. Tropical Animal Health and Production, 2015, 47, 563-566.	0.5	7
43	Uptake of hazardous elements by spring onion (<i>Allium fistulosum</i> L.) from soil irrigated with different types of water and possible health risk. Environmental Earth Sciences, 2017, 76, 1.	1.3	7
44	A study on the seasonal transfer of two metals from pasture to animals: health risk assessment. Environmental Science and Pollution Research, 2020, 27, 16339-16349.	2.7	7
45	Evaluation of pasture allowance of manganese for ruminants. Environmental Science and Pollution Research, 2021, 28, 56906-56914.	2.7	7
46	Assessment of Heavy Metal Accumulation in Soil and Garlic Influenced by Waste-Derived Organic Amendments. Biology, 2022, 11, 850.	1.3	7
47	EVALUATION OF NUTRITIONAL COMPOSITION OF PLANT SPECIES OF SOONE VALLEY IN PUNJAB, PAKISTAN. Journal of Plant Nutrition, 2010, 33, 496-517.	0.9	6
48	Assessment of Potential Toxicological Risk for Public Health of Heavy Metals in Wheat Crop Irrigated with Wastewater: A Case Study in Sargodha, Pakistan. Asian Journal of Chemistry, 2013, 25, 9704-9706.	0.1	6
49	Bioaccumulation of Zinc and Copper in Tissues of Chicken Fed Corn Grain Irrigated with Different Water Regimes. International Journal of Environmental Research, 2019, 13, 689-703.	1.1	6
50	Bioaccumulation of lead in different varieties of wheat plant irrigated with wastewater in remote agricultural regions. Environmental Science and Pollution Research, 2020, 27, 27937-27951.	2.7	6
51	Appraising growth, daily intake, health risk index, and pollution load of Zn in wheat (<i>Triticum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Research, 2022, 29, 34685-34700.	2.7	6
52	Assessing Zinc Amassing in Forages, Buffalo Blood and Topsoil Collected from Sargodha City, Pakistan. Revista De Chimie (discontinued), 2020, 71, 240-248.	0.2	5
53	Effects of diverse irrigation with wastewater in soil and plants: assessing the risk of metal to the animal food chain. Environmental Science and Pollution Research, 2022, 29, 27140-27149.	2.7	5
54	Ecological risk assessment and bioaccumulation of trace element, copper, in wheat varieties irrigated with non-conventional water resources in a semi-arid tropics. Agricultural Water Management, 2022, 269, 107711.	2.4	4

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55	Studies on the Transfer of Copper from Soil to Pastures at Different Sampling Periods: A Case Study of a Semiarid Region (Sargodha) in Pakistan. <i>Biological Trace Element Research</i> , 2011, 141, 126-130.	1.9	3
56	A Study on the Transfer of Iron in Soil-Plant-Animal Continuum Under Semi-arid Environmental Conditions in Sargodha, Pakistan. <i>Biological Trace Element Research</i> , 2011, 142, 890-895.	1.9	3
57	Monitoring of copper accumulation in water, soil, forage, and cows impacted by heavy automobiles in Sargodha, Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 29110-29116.	2.7	3
58	Assessing the health risk of cadmium to the local population through consumption of contaminated vegetables grown in municipal solid waste-amended soil. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	1.3	3
59	Determination of heavy metal accumulation in wastewater irrigated pumpkin (<i>Cucurbita maxima</i>) Tj ETQq1 1 0.784314 rgBT 3 Overload 0.6	0.6	3
60	Appraisal of chromium in chicken reared on maize irrigated with sewage water. <i>Environmental Science and Pollution Research</i> , 2021, 28, 11509-11517.	2.7	2
61	Pattern of Trace Metal Uptake in Pearl Millet as a Result of Application of Organic and Synthetic Fertilizers. <i>International Journal of Environmental Research</i> , 2021, 15, 33-44.	1.1	2
62	Mineral availability in soil and fodders affecting blood profiles in Nili-Ravi dairy buffaloes. <i>Tropical Animal Health and Production</i> , 2021, 53, 98.	0.5	2
63	Bioaccumulation of cadmium in different genotypes of wheat crops irrigated with different sources of water in agricultural regions. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2468-2478.	2.7	1
64	Evaluation of nickel toxicity in wheat as function of diverse type of fertilizers: implications for public health. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	1
65	Comparative study of forage toxic metals of conventional versus non-conventional pastures in relation to animal mineral nutrient allowance. <i>Environmental Science and Pollution Research</i> , 2020, 27, 36579-36586.	2.7	0
66	Exploration of concentration of two macro-minerals in different wild forages in relation to nutrient requirements of livestock. <i>Agricultural Sciences</i> , 2013, 04, 340-344.	0.2	0
67	Bubalus bubalis Blood as Biological Tool to Track Impacts from Cobalt: Bioaccumulation and Health Risks Perspectives from a Water-Soil-Forage-Livestock Ecosystem. <i>Biological Trace Element Research</i> , 2022, , .	1.9	0