

Zafar Khan

List of Publications by Year in descending order

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66
papers

985
citations

430442

18
h-index

525886

27
g-index

72
all docs

72
docs citations

72
times ranked

669
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	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
5	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
6	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
7	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
8	Risk Assessment of Heavy Metals in Basmati Rice: Implications for Public Health. Sustainability, 2021, 13, 8513.	1.6	37
9	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
10	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
11	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
12	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
13	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
14	Potential health risk assessment of potato (<i>Solanum tuberosum</i> L.) grown on metal contaminated soils in the central zone of Punjab, Pakistan. Chemosphere, 2017, 166, 157-162.	4.2	26
15	Risk assessment of heavy metal and metalloid toxicity through a contaminated vegetable (<i>Cucurbita</i>) Tj ETQq1 1 0.784314 rgBT /Over Pakistan. Human and Ecological Risk Assessment (HERA), 2016, 22, 86-98.	1.7	24
16	Seasonal Variation of Trace Elements in a Semiarid Veld Pasture. Communications in Soil Science and Plant Analysis, 2006, 37, 1471-1483.	0.6	21
17	Evaluation of toxicity potential of cobalt in wheat irrigated with wastewater: health risk implications for public. Environmental Science and Pollution Research, 2021, 28, 21119-21131.	2.7	20
18	Assessment of toxicological health risk of trace metals in vegetables mostly consumed in Punjab, Pakistan. Environmental Earth Sciences, 2016, 75, 1.	1.3	19

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19	Dietary zinc requirement of <i>Labeo rohita</i> juveniles fed practical diets. <i>Journal of Applied Animal Research</i> , 2019, 47, 223-229.	0.4	19
20	Human health risk assessment through the comparative analysis of diverse irrigation regimes for <i>Luffa (Luffa cylindrica (L.) Roem.)</i> . <i>Journal of Water Sanitation and Hygiene for Development</i> , 2020, 10, 249-261.	0.7	19
21	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
22	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
23	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
24	Comprehensive study based on mtDNA signature (<i>nad1</i>) providing insights on <i>Echinococcus granulosus</i> s.s. genotypes from Pakistan and potential role of buffalo-dog cycle. <i>Infection, Genetics and Evolution</i> , 2020, 81, 104271.	1.0	15
25	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
26	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
27	A study on the contamination assessment, health risk and mobility of two heavy metals in the soil-plants-ruminants system of a typical agricultural region in the semi arid environment. <i>Environmental Science and Pollution Research</i> , 2022, 29, 14584-14594.	2.7	14
28	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
29	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
30	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
31	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
32	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
33	Proximate Composition and Nutritive Value of Some Leafy Vegetables from Faisalabad, Pakistan. <i>Sustainability</i> , 2021, 13, 8444.	1.6	10
34	Blood, Hair and Feces as an Indicator of Environmental Exposure of Sheep, Cow and Buffalo to Cobalt: A Health Risk Perspectives. <i>Sustainability</i> , 2021, 13, 7873.	1.6	10
35	Ecological risk assessment of heavy metal chromium in a contaminated pastureland area in the Central Punjab, Pakistan: soils vs plants vs ruminants. <i>Environmental Science and Pollution Research</i> , 2022, 29, 4170-4179.	2.7	10
36	Potentially toxic metal accumulation in grains of wheat variety Galaxy-2013 irrigated with sugar industry wastewater and human health risk assessment. <i>Euro-Mediterranean Journal for Environmental Integration</i> , 2021, 6, 1.	0.6	9

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37	Trace Metal Accumulation in Rice Variety Kainat Irrigated with Canal Water. Sustainability, 2021, 13, 13739.	1.6	9
38	Quantitative analysis of lead in cows and buffaloes for health assessment. Environmental Science and Pollution Research, 2020, 27, 8621-8627.	2.7	8
39	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
40	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
41	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
42	Evaluation of pasture allowance of manganese for ruminants. Environmental Science and Pollution Research, 2021, 28, 56906-56914.	2.7	7
43	Quantitative evaluation of zinc metal in meadows and ruminants for health assessment: implications for humans. Environmental Science and Pollution Research, 2022, 29, 21634-21641.	2.7	7
44	Assessment of Heavy Metal Accumulation in Soil and Garlic Influenced by Waste-Derived Organic Amendments. Biology, 2022, 11, 850.	1.3	7
45	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
46	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
47	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
48	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
49	Comparative Plasticity Responses of Stable Isotopes of Carbon ($\delta^{13}C$) and Nitrogen ($\delta^{15}N$), Ion Homeostasis and Yield Attributes in Barley Exposed to Saline Environment. Plants, 2022, 11, 1516.	1.6	5
50	Accumulation of metals and metalloids in radish (<i>Raphanus sativus</i> L.) and spinach (<i>Spinacea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Human and Ecological Risk Assessment (HERA), 2016, 22, 15-27.	1.7	4
51	Level and speciation of nickel in some forages in relation to spatial and temporal fluctuations. Environmental Science and Pollution Research, 2020, 27, 23793-23800.	2.7	4
52	Assessment of cobalt in wheat grains as affected by diverse fertilizers: implications for public health. Environmental Science and Pollution Research, 2022, 29, 34558-34574.	2.7	4
53	Monitoring of copper accumulation in water, soil, forage, and cows impacted by heavy automobiles in Sargodha, Pakistan. Environmental Science and Pollution Research, 2021, 28, 29110-29116.	2.7	3
54	Appraisal of chromium in chicken reared on maize irrigated with sewage water. Environmental Science and Pollution Research, 2021, 28, 11509-11517.	2.7	2

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55	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
56	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
57	Evaluation of transfer of lead in soil plant animal system: assessment of consequences of its toxicity. <i>Environmental Science and Pollution Research</i> , 2021, 28, 38698-38705.	2.7	2
58	Assessment of Available Manganese in Milk by Using fodders Grown in Long-Term Wastewater Irrigated Soil. <i>Journal of Bioresource Management</i> , 2021, 8, 109-119.	0.4	2
59	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
60	Appraisal of iron accumulation in soil, forages, and blood plasma of sheep and goats: a case study in different districts of Punjab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41089-41094.	2.7	1
61	Transfer of metal element in soil plant chicken food chain: health risk assessment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 47619-47627.	2.7	1
62	Arsenic and Cadmium Risk Assessment in a Domestic Wastewater Irrigated Area Using Samples of Water, Soil and Forages as Indicators. <i>Journal of Bioresource Management</i> , 2021, 8, 72-84.	0.4	1
63	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
64	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
65	Impact of Wastewater and Canal Water Irrigation on the Accumulation of Copper in Maize and Millet of Different Districts of Punjab Pakistan. <i>Journal of Bioresource Management</i> , 2021, 8, 114-127.	0.4	0
66	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