

Health risk assessment of heavy metals in wheat using implication for human health

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Residue and intake risk assessment of prothioconazole and its metabolite prothioconazole-desthio in wheat field. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 236.	2.7	41
2	Accumulation of heavy metals in soil-crop systems: a review for wheat and corn. <i>Environmental Science and Pollution Research</i> , 2017, 24, 15209-15225.	5.3	120
3	The effect of sewage sludge on heavy metal concentrations in wheat plant (<i>Triticum aestivum</i> L.). <i>Environmental Science and Pollution Research</i> , 2017, 24, 15634-15644.	5.3	9
4	Deciphering adverse effects of heavy metals on diverse wheat germplasm on irrigation with urban wastewater of mixed municipal-industrial origin. <i>Environmental Science and Pollution Research</i> , 2018, 25, 18462-18475.	5.3	10
5	Heavy metal accumulation and health risk assessment in soil-wheat system under different nitrogen levels. <i>Science of the Total Environment</i> , 2018, 622-623, 1499-1508.	8.0	57
6	Modeling of Trace Metal Migration and Accumulation Processes in a Soil-Wheat System in Lihe Watershed, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2432.	2.6	10
7	A study on air quality and heavy metals content of urban food produced in a Mediterranean city (Barcelona). <i>Journal of Cleaner Production</i> , 2018, 195, 385-395.	9.3	65
8	Cadmium, copper and lead levels in different cultivars of lettuce and soil from urban agriculture. <i>Environmental Pollution</i> , 2018, 242, 383-389.	7.5	59
9	Chronic impact of an accidental wastewater spill from a smelter, China: A study of health risk of heavy metal(loid)s via vegetable intake. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109401.	6.0	41
10	Application of Novel MCDM for Location Selection of Surface Water Treatment Plant. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 1865-1877.	3.5	18
11	Monitoring wheat nitrogen requirement and top soil nitrate for nitrate residue controlling in drylands. <i>Journal of Cleaner Production</i> , 2019, 241, 118372.	9.3	15
12	Location selection for Installation of Surface Water Treatment Plant by Applying a New Sinusoidal Analytical Hierarchy Process. <i>International Journal of Energy Optimization and Engineering</i> , 2019, 8, 20-42.	0.6	4
13	Heavy metals and associated health risk of wheat grain in a traditional cultivation area of Baoji, Shaanxi, China. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 428.	2.7	21
14	Sewage waste water application improves the productivity of diverse wheat (<i>Triticum aestivum</i> L.) cultivars on a sandy loam soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 17045-17054.	5.3	3
15	Assessment of the human health risks of heavy metals in nine typical areas. <i>Environmental Science and Pollution Research</i> , 2019, 26, 12311-12323.	5.3	30
16	Concentration of trace metals in winter wheat and spring barley as a result of digestate, cattle slurry, and mineral fertilizer application. <i>Environmental Science and Pollution Research</i> , 2020, 27, 4769-4785.	5.3	13
17	Potentially toxic elements (PTEs) in cereal-based foods: A systematic review and meta-analysis. <i>Trends in Food Science and Technology</i> , 2020, 96, 30-44.	15.1	51
18	Risk analysis by bioaccumulation of Cr, Cu, Ni, Pb and Cd from wastewater-irrigated soil to Brassica species. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 2889-2906.	3.5	11

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19	Heavy metal phyto-accretion, biochemical responses and non-carcinogenic human health risks of genetically diverse wheat genotypes cultivated with sewage of municipal origin. <i>International Journal of Phytoremediation</i> , 2021, 23, 1-13.	3.1	0
20	InÂvitro oral bioaccessibility investigation and human health risk assessment of heavy metals in wheat grains grown near the mines in North China. <i>Chemosphere</i> , 2020, 252, 126522.	8.2	31
21	Potential carcinogenic and non-carcinogenic health hazards of metal(loid)s in food grains. <i>Environmental Science and Pollution Research</i> , 2020, 27, 17032-17042.	5.3	15
22	Insight into the Chromium-Enriched Industrial Wastewater Irrigation Practice on <i>Labiata purpureus</i> . <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	1.4	6
23	Cadmium, chromium, nickel and nitrate accumulation in wheat (<i>Triticum aestivum</i> L.) using wastewater irrigation and health risks assessment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111685.	6.0	33
24	Phytoavailability and human risk assessment of heavy metals in soils and food crops around Sutlej river, India. <i>Chemosphere</i> , 2021, 263, 128321.	8.2	67
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27	Impact Analysis of Water, Energy, and Climatic Variables on Performance of Surface Water Treatment Plants. , 2021, , 199-219.		0
28	Metal accumulation potential, human health risks, and yield attributes of hundred bread wheat genotypes on irrigation with municipal and remediated wastewater. <i>Environmental Science and Pollution Research</i> , 2021, 28, 35023-35037.	5.3	5
29	Investigation of natural radionuclide and essential metal contents of ancient wheat einkorn (<i>Triticum monococcum</i> L.) grown in Turkey. <i>Radiochimica Acta</i> , 2020, 108, 999-1007.	1.2	4
30	Increased dryland wheat economic returns, and decreased greenhouse gas emissions by year-round straw mulching in dryland areas of China. <i>Journal of Cleaner Production</i> , 2021, 325, 129337.	9.3	4
31	Estimation of heavy-metal concentrations in winter wheat leaves from typical sewage irrigation area based on canopy reflectance spectra. <i>Journal of Applied Remote Sensing</i> , 2018, 12, 1.	1.3	2
32	Human Health Risk Assessment of Trace Elements in Tap Water and the Factors Influencing Its Value. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1291.	2.0	3
33	Small-scale silvopasture: Addressing urban and peri-urban livestock challenges in the United States with agroforestry practices. <i>Urban Agriculture & Regional Food Systems</i> , 2022, 7, .	0.9	1
34	Mercury Fractionation, Bioavailability, and the Major Factors Predicting its Transfer and Accumulation in Soil-Wheat Systems. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
35	Human health exposure and risks of arsenic from contaminated soils and brinjal fruits collected from different producers and retailers levels. <i>Environmental Geochemistry and Health</i> , 2022, 44, 4665-4683.	3.4	4
36	Soil carbon sequestration, greenhouse gas emissions, and water pollution under different tillage practices. <i>Science of the Total Environment</i> , 2022, 826, 154161.	8.0	30

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37	Mercury fractionation, bioavailability, and the major factors predicting its transfer and accumulation in soil-wheat systems. <i>Science of the Total Environment</i> , 2022, 847, 157432.	8.0	6
38	Incidence of Heavy Metals in the Application of Fertilizers to Crops (Wheat and Rice), a Fish (Common) Tj ETQq1 1 0,784314,rgBT /Ow	3.2	14
39	Health risk implications of iron in wastewater soil-food crops grown in the vicinity of peri urban areas of the District Sargodha. <i>PLoS ONE</i> , 2022, 17, e0275497.	2.5	9
40	An integrated trapezoidal fuzzy <sc>FUCOM&TOWPSIS</sc> method to determine alternatives' ranking and utilization in the water treatment plant. <i>Environmental Progress and Sustainable Energy</i> , 2023, 42, .	2.3	6
41	Essential Mineral Elements and Potentially Toxic Elements in Orange-Fleshed Sweet Potato Cultivated in Northern Ethiopia. <i>Biology</i> , 2023, 12, 266.	2.8	6
42	Sample Preparation and Analytical Techniques in the Determination of Trace Elements in Food: A Review. <i>Foods</i> , 2023, 12, 895.	4.3	17
43	New insights into the effects of antibiotics and copper on microbial community diversity and carbon source utilization. <i>Environmental Geochemistry and Health</i> , 2023, 45, 4779-4793.	3.4	2
44	An integrated trapezoidal fuzzy FUCOM with single-valued neutrosophic fuzzy MARCOS and GMDH method to determine the alternatives weight and its applications in efficiency analysis of water treatment plant. <i>Expert Systems With Applications</i> , 2023, 225, 120087.	7.6	5
45	Integrating trapezoidal fuzzy best-worst method and single-valued neutrosophic fuzzy MARCOS for efficiency analysis of surface water treatment plants. <i>Soft Computing</i> , 0, , .	3.6	0
46	Heavy metals in edible red soil of the rainbow island in the Persian gulf: Concentration and health risk assessment. <i>Chemosphere</i> , 2023, 331, 138778.	8.2	5
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48	Arsenic Levels and Seasonal Variation in Pasture Soil, Forage and Horse Blood Plasma in Central Punjab, Pakistan. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2023, 111, .	2.7	0
49	Microalgae-Mediated Biosorption for Effective Heavy Metals Removal from Wastewater: A Review. <i>Water (Switzerland)</i> , 2024, 16, 718.	2.7	0