

Lingqing Wang

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90
papers

1,822
citations

24
h-index

39
g-index

97
ext. papers

2,582
ext. citations

6.5
avg, IF

5.55
L-index

#	Paper	IF	Citations
90	Characteristics, sources, water quality and health risk assessment of trace elements in river water and well water in the Chinese Loess Plateau. <i>Science of the Total Environment</i> , 2019 , 650, 2004-2012	10.2	175
89	State of rare earth elements in different environmental components in mining areas of China. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 1499-513	3.1	172
88	Multivariate geostatistical analysis and source identification of heavy metals in the sediment of Poyang Lake in China. <i>Science of the Total Environment</i> , 2018 , 621, 1433-1444	10.2	116
87	Contamination and health risk assessment of heavy metals in road dust in Bayan Obo Mining Region in Inner Mongolia, North China. <i>Journal of Chinese Geography</i> , 2015 , 25, 1439-1451	3.7	70
86	Accumulation and fractionation of rare earth elements in atmospheric particulates around a mine tailing in Baotou, China. <i>Atmospheric Environment</i> , 2014 , 88, 23-29	5.3	54
85	Source and path identification of metals pollution in a mining area by PMF and rare earth element patterns in road dust. <i>Science of the Total Environment</i> , 2018 , 633, 958-966	10.2	50
84	High-resolution imaging of labile phosphorus and its relationship with iron redox state in lake sediments. <i>Environmental Pollution</i> , 2016 , 219, 466-474	9.3	47
83	Effects of exogenous rare earth elements on phosphorus adsorption and desorption in different types of soils. <i>Chemosphere</i> , 2014 , 103, 148-55	8.4	43
82	Effects of no-tillage systems on soil physical properties and carbon sequestration under long-term wheat/maize double cropping system. <i>Catena</i> , 2015 , 128, 195-202	5.8	43
81	Spatial distribution and risk assessment of radionuclides in soils around a coal-fired power plant: a case study from the city of Baoji, China. <i>Environmental Research</i> , 2007 , 104, 201-8	7.9	43
80	Applications of stochastic models and geostatistical analyses to study sources and spatial patterns of soil heavy metals in a metalliferous industrial district of China. <i>Science of the Total Environment</i> , 2014 , 490, 422-34	10.2	41
79	Geochemical fractions of rare earth elements in soil around a mine tailing in Baotou, China. <i>Scientific Reports</i> , 2015 , 5, 12483	4.9	39
78	Elucidating the differentiation of soil heavy metals under different land uses with geographically weighted regression and self-organizing map. <i>Environmental Pollution</i> , 2020 , 260, 114065	9.3	38
77	Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. <i>Nutrient Cycling in Agroecosystems</i> , 2011 , 91, 77-89	3.3	36
76	Distribution characteristics of phosphorus in the sediments and overlying water of Poyang lake. <i>PLoS ONE</i> , 2015 , 10, e0125859	3.7	30
75	Geostatistical analyses and co-occurrence correlations of heavy metals distribution with various types of land use within a watershed in eastern Qinghai-Tibet Plateau, China. <i>Science of the Total Environment</i> , 2019 , 653, 849-859	10.2	30
74	Study on Nitrogen Dynamics at the Sediment-Water Interface of Dongting Lake, China. <i>Aquatic Geochemistry</i> , 2014 , 20, 501-517	1.7	29

73	Rare earth element components in atmospheric particulates in the Bayan Obo mine region. <i>Environmental Research</i> , 2014 , 131, 64-70	7.9	29
72	Heavy metal occurrence and risk assessment in dairy feeds and manures from the typical intensive dairy farms in China. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 6348-6358	5.1	29
71	Risk assessment of atmospheric heavy metals exposure in Baotou, a typical industrial city in northern China. <i>Environmental Geochemistry and Health</i> , 2016 , 38, 843-53	4.7	27
70	The effects of fertilizer applications on runoff loss of phosphorus. <i>Environmental Earth Sciences</i> , 2013 , 68, 1313-1319	2.9	27
69	Effects of soil type on leaching and runoff transport of rare earth elements and phosphorous in laboratory experiments. <i>Environmental Science and Pollution Research</i> , 2011 , 18, 38-45	5.1	26
68	Atmospheric thorium pollution and inhalation exposure in the largest rare earth mining and smelting area in China. <i>Science of the Total Environment</i> , 2016 , 572, 1-8	10.2	26
67	Heavy metal bioaccessibility and health risks in the contaminated soil of an abandoned, small-scale lead and zinc mine. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 15044-15056	5.1	25
66	Effects of cerium oxide on rice seedlings as affected by co-exposure of cadmium and salt. <i>Environmental Pollution</i> , 2019 , 252, 1087-1096	9.3	22
65	Nitrogen distribution and ammonia release from the overlying water and sediments of Poyang Lake, China. <i>Environmental Earth Sciences</i> , 2015 , 74, 771-778	2.9	22
64	Laboratory experiments of phosphorus loss with surface runoff during simulated rainfall. <i>Environmental Earth Sciences</i> , 2013 , 70, 2839-2846	2.9	21
63	A Review of Unmanned Aerial Vehicle Low-Altitude Remote Sensing (UAV-LARS) Use in Agricultural Monitoring in China. <i>Remote Sensing</i> , 2021 , 13, 1221	5	21
62	Combining multiple methods for provenance discrimination based on rare earth element geochemistry in lake sediment. <i>Science of the Total Environment</i> , 2019 , 672, 264-274	10.2	20
61	An experimental study on using rare earth elements to trace phosphorous losses from nonpoint sources. <i>Chemosphere</i> , 2011 , 85, 1075-9	8.4	20
60	Multivariable cokriging prediction and source analysis of potentially toxic elements (Cr, Cu, Cd, Pb, and Zn) in surface sediments from Dongting Lake, China. <i>Ecological Indicators</i> , 2018 , 94, 312-319	5.8	20
59	Data integration analysis: Heavy metal pollution in China's large-scale cattle rearing and reduction potential in manure utilization. <i>Journal of Cleaner Production</i> , 2019 , 232, 308-317	10.3	19
58	Effects of spraying nano-materials on the absorption of metal(loid)s in cucumber. <i>IET Nanobiotechnology</i> , 2019 , 13, 712-719	2	19
57	Adsorption of nitrophenol compounds from aqueous solution by cross-linked starch-based polymers. <i>Desalination and Water Treatment</i> , 2015 , 55, 1575-1585		18
56	Adsorption of phenol and bisphenol A on river sediments: Effects of particle size, humic acid, pH and temperature. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 204, 111093	7	18

55	Anomalous abundance and redistribution patterns of rare earth elements in soils of a mining area in Inner Mongolia, China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 11330-11338	5.1	17
54	No-tillage and fertilization management on crop yields and nitrate leaching in North China Plain. <i>Ecology and Evolution</i> , 2015 , 5, 1143-55	2.8	16
53	Determination of polycyclic aromatic hydrocarbons from soil samples using selective pressurized liquid extraction. <i>Analytical Methods</i> , 2012 , 4, 2441	3.2	16
52	Pollution level and inhalation exposure of ambient aerosol fluoride as affected by polymetallic rare earth mining and smelting in Baotou, north China. <i>Atmospheric Environment</i> , 2017 , 167, 40-48	5.3	14
51	Distribution and Contamination Assessment of Soil Heavy Metals in the Jiulongjiang River Catchment, Southeast China. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	14
50	Probabilistic modeling of aggregate lead exposure in children of urban China using an adapted IEUBK model. <i>Science of the Total Environment</i> , 2017 , 584-585, 259-267	10.2	13
49	Distribution patterns and dynamics of phosphorus forms in the overlying water and sediment of Dongting Lake. <i>Journal of Great Lakes Research</i> , 2016 , 42, 565-570	3	13
48	An experimental study on the effects of freeze-thaw cycles on phosphorus adsorption-desorption processes in brown soil. <i>RSC Advances</i> , 2017 , 7, 37441-37446	3.7	13
47	Natural radionuclide concentrations in soils around Baoji coal-fired power plant, China. <i>Radiation Effects and Defects in Solids</i> , 2007 , 162, 677-683	0.9	13
46	Groundwater hydrochemistry, source identification and pollution assessment in intensive industrial areas, eastern Chinese loess plateau. <i>Environmental Pollution</i> , 2021 , 278, 116930	9.3	13
45	Analyzing environmental risk, source and spatial distribution of potentially toxic elements in dust of residential area in Xi'an urban area, China. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 208, 111679	7	13
44	Irrigation with sediment-laden river water affects the soil texture and composition of organic matter fractions in arid and semi-arid areas of Northwest China. <i>Geoderma</i> , 2018 , 328, 10-19	6.7	11
43	Phytotoxicity of YO nanoparticles and Y ions on rice seedlings under hydroponic culture. <i>Chemosphere</i> , 2021 , 263, 127943	8.4	11
42	Geochemical Characteristics of Rare Earth Elements in Soils from Puding Karst Critical Zone Observatory, Southwest China. <i>Sustainability</i> , 2019 , 11, 4963	3.6	10
41	Major ion and dissolved heavy metal geochemistry, distribution, and relationship in the overlying water of Dongting Lake, China. <i>Environmental Geochemistry and Health</i> , 2019 , 41, 1091-1104	4.7	10
40	Novel insights into the adsorption of organic contaminants by biochar: A review. <i>Chemosphere</i> , 2022 , 287, 132113	8.4	10
39	Simulation on phosphorus release characteristics of Poyang Lake sediments under variable water levels and velocities. <i>Journal of Chinese Geography</i> , 2017 , 27, 697-710	3.7	9
38	Inhalation exposure and potential health risk estimation of lanthanides elements in PM associated with rare earth mining areas: a case of Baotou city, northern China. <i>Environmental Geochemistry and Health</i> , 2018 , 40, 2795-2805	4.7	9

37	Nitrous oxide emissions in a winter wheat & summer maize double cropping system under different tillage and fertilizer management. <i>Soil Use and Management</i> , 2015 , 31, 98-105	3.1	9
36	A comparative study of the physiological and biochemical properties of tomato (<i>Lycopersicon esculentum</i> M.) and maize (<i>Zea mays</i> L.) under palladium stress. <i>Science of the Total Environment</i> , 2020 , 705, 135938	10.2	9
35	Discrimination of rare earth element geochemistry and co-occurrence in sediment from Poyang Lake, the largest freshwater lake in China. <i>Chemosphere</i> , 2019 , 217, 851-857	8.4	9
34	Heavy metals in different moss species in alpine ecosystems of Mountain Gongga, China: Geochemical characteristics and controlling factors. <i>Environmental Pollution</i> , 2021 , 272, 115991	9.3	9
33	Identification of areas vulnerable to soil erosion and risk assessment of phosphorus transport in a typical watershed in the Loess Plateau. <i>Science of the Total Environment</i> , 2021 , 758, 143661	10.2	9
32	Assessing the impact of human activities on surface pollen assemblages in Qinghai Lake Basin, China. <i>Journal of Quaternary Science</i> , 2018 , 33, 702-712	2.3	6
31	Cross-linked starch-based polymer as an SPE material for the determination of nitrophenols at trace levels in environmental water. <i>Journal of Separation Science</i> , 2014 , 37, 257-64	3.4	6
30	Shifting of phytoplankton assemblages in a regulated Chinese river basin after streamflow and water quality changes. <i>Science of the Total Environment</i> , 2019 , 654, 948-959	10.2	6
29	Release of reactive phosphorus from sediments in Dongting Lake linked with the Yangtze River. <i>Environmental Chemistry</i> , 2017 , 14, 48	3.2	5
28	Adsorption of cadmium and lead in wastewater by four kinds of biomass xanthates. <i>Water Science and Technology</i> , 2019 , 79, 1222-1230	2.2	5
27	A comprehensive, locally adapted soil quality indexing under different land uses in a typical watershed of the eastern Qinghai-Tibet Plateau. <i>Ecological Indicators</i> , 2021 , 125, 107445	5.8	5
26	Effects of adding selenium on different remediation measures of paddy fields with slight-moderate cadmium contamination. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 377-388	4.7	5
25	Concentrations, spatial distribution, sources and environmental health risks of potentially toxic elements in urban road dust across China. <i>Science of the Total Environment</i> , 2022 , 805, 150266	10.2	5
24	Assessment of reactive oxygen species production and genotoxicity of rare earth mining dust: Implications for public health and mining management. <i>Science of the Total Environment</i> , 2020 , 740, 139759	10.2	4
23	Distribution and migration characteristics of dinitrotoluene sulfonates (DNTs) in typical TNT production sites: Effects and health risk assessment. <i>Journal of Environmental Management</i> , 2021 , 287, 112342	7.9	4
22	The diffusion fluxes and sediment activity of phosphorus in the sediment-water interface of Poyang Lake. <i>Journal of Freshwater Ecology</i> , 2016 , 31, 521-531	1.4	4
21	Synergetic mediation of reduced graphene oxide and Cu(II) on the oxidation of 2-naphthol in water. <i>Environmental Pollution</i> , 2019 , 252, 689-696	9.3	3
20	Effects of antecedent soil moisture on losses of rare earth elements and phosphorus in runoff. <i>Environmental Earth Sciences</i> , 2012 , 66, 2379-2385	2.9	3

19	Biochar combined with nitrogen fertilizer affects soil properties and wheat yield in medium-low-yield farmland. <i>Soil Use and Management</i> ,	3.1	3
18	Effects of age on mineral elements, amino acids and fatty acids in Chinese chestnut fruits. <i>European Food Research and Technology</i> , 2021 , 247, 2079-2086	3.4	3
17	Long-term ecological effects of two artificial forests on soil properties and quality in the eastern Qinghai-Tibet Plateau. <i>Science of the Total Environment</i> , 2021 , 796, 148986	10.2	3
16	Integrated assessment of the impact of land use types on soil pollution by potentially toxic elements and the associated ecological and human health risk.. <i>Environmental Pollution</i> , 2022 , 299, 118917	9.7	2
15	Influence of soil properties, topography, and land cover on soil organic carbon and total nitrogen concentration: A case study in Qinghai-Tibet plateau based on random forest regression and structural equation modeling.. <i>Science of the Total Environment</i> , 2022 , 821, 153440	10.2	2
14	Analysis of spatio-temporal distribution characteristics and socioeconomic drivers of urban air quality in China. <i>Chemosphere</i> , 2021 , 291, 132799	8.4	2
13	Spatial distribution, risk estimation and source apportionment of potentially toxic metal(loid)s in resuspended megacity street dust.. <i>Environment International</i> , 2022 , 160, 107073	12.9	2
12	Interactive influences of meteorological and socioeconomic factors on ecosystem service values in a river basin with different geomorphic features.. <i>Science of the Total Environment</i> , 2022 , 154595	10.2	2
11	Cr(VI) Adsorption from Aqueous Solution by UiO-66 Modified Corncob. <i>Sustainability</i> , 2021 , 13, 12962	3.6	1
10	Biochar and nitrogen fertilizer co-application changed SOC content and fraction composition in Huang-Huai-Hai plain, China. <i>Chemosphere</i> , 2021 , 291, 132925	8.4	1
9	Multivariate statistical analysis of potentially toxic elements in soils under different land uses: Spatial relationship, ecological risk assessment, and source identification. <i>Environmental Geochemistry and Health</i> , 2021 , 1	4.7	1
8	Effect of environmental factors on soil properties under different land use types in a typical basin of the North China Plain. <i>Journal of Cleaner Production</i> , 2022 , 344, 131084	10.3	1
7	Evaluation of water quality using a Takagi-Sugeno fuzzy neural network and determination of heavy metal pollution index in a typical site upstream of the Yellow River.. <i>Environmental Research</i> , 2022 , 211, 113058	7.9	1
6	Concentrations, sources and ecological health risks of potentially toxic elements in finer road dust from a megacity in north China. <i>Journal of Cleaner Production</i> , 2022 , 358, 132036	10.3	1
5	Spatial distribution, pollution level, and health risk of Pb in the finer dust of residential areas: a case study of Xi'an, northwest China. <i>Environmental Geochemistry and Health</i> , 2021 , 1	4.7	0
4	Cosorption of Zn(II) and chlortetracycline onto montmorillonite: pH effects and molecular investigations. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127368	12.8	0
3	Ecological floating bed for decontamination of eutrophic water bodies: Using alum sludge ceramicsite.. <i>Journal of Environmental Management</i> , 2022 , 311, 114845	7.9	0
2	Integrated insights into potentially hazardous metals in sediments of a typical bay under long-term human impacts: Implications for coastal management. <i>Journal of Cleaner Production</i> , 2022 , 132566	10.3	0

- 1 PAHs Source Identification in Sediments and Surrounding Soils of Poyang Lake in China Using Non-Negative Matrix Factorization Analysis. *Land*, **2022**, 11, 843 3.5 ○