Lingqing Wang

List of Publications by Year in Descending Order

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	Integrated assessment of the impact of land use types on soil pollution by potentially toxic elements and the associated ecological and human health risk.. *Environmental Pollution*, **2022**, 299, 118911	9.3	2
89	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.. *Science of the Total Environment*, **2022**, 821, 153440	10.2	2
88	Spatial distribution, risk estimation and source apportionment of potentially toxic metal(loid)s in resuspended megacity street dust.. *Environment International*, **2022**, 160, 107073	12.9	2
87	Cosorption of Zn(II) and chlortetracycline onto montmorillonite: pH effects and molecular investigations. *Journal of Hazardous Materials*, **2022**, 424, 127368	12.8	0
86	Concentrations, spatial distribution, sources and environmental health risks of potentially toxic elements in urban road dust across China. *Science of the Total Environment*, **2022**, 805, 150266	10.2	5
85	Novel insights into the adsorption of organic contaminants by biochar: A review. *Chemosphere*, **2022**, 287, 132113	8.4	10
84	Effect of environmental factors on soil properties under different land use types in a typical basin of the North China Plain. *Journal of Cleaner Production*, **2022**, 344, 131084	10.3	1
83	Ecological floating bed for decontamination of eutrophic water bodies: Using alum sludge ceramsite.. *Journal of Environmental Management*, **2022**, 311, 114845	7.9	0
82	Interactive influences of meteorological and socioeconomic factors on ecosystem service values in a river basin with different geomorphic features.. *Science of the Total Environment*, **2022**, 154595	10.2	2
81	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.. *Environmental Research*, **2022**, 211, 113058	7.9	1
80	Concentrations, sources and ecological health risks of potentially toxic elements in finer road dust from a megacity in north China. *Journal of Cleaner Production*, **2022**, 358, 132036	10.3	1
79	Integrated insights into potentially hazardous metals in sediments of a typical bay under long-term human impacts: Implications for coastal management. *Journal of Cleaner Production*, **2022**, 132566	10.3	0
78	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	0
77	Cr(VI) Adsorption from Aqueous Solution by UiO-66 Modified Corncob. *Sustainability*, **2021**, 13, 12962	3.6	1
76	Analysis of spatio-temporal distribution characteristics and socioeconomic drivers of urban air quality in China. *Chemosphere*, **2021**, 291, 132799	8.4	2
75	Biochar and nitrogen fertilizer co-application changed SOC content and fraction composition in Huang-Huai-Hai plain, China. *Chemosphere*, **2021**, 291, 132925	8.4	1
74	Spatial distribution, pollution level, and health risk of Pb in the finer dust of residential areas: a case study of Xi'an, northwest China. *Environmental Geochemistry and Health*, **2021**, 1	4.7	0

73	A Review of Unmanned Aerial Vehicle Low-Altitude Remote Sensing (UAV-LARS) Use in Agricultural Monitoring in China. *Remote Sensing*, **2021**, 13, 1221	5	21
72	Effects of age on mineral elements, amino acids and fatty acids in Chinese chestnut fruits. *European Food Research and Technology*, **2021**, 247, 2079-2086	3.4	3
71	Groundwater hydrochemistry, source identification and pollution assessment in intensive industrial areas, eastern Chinese loess plateau. *Environmental Pollution*, **2021**, 278, 116930	9.3	13
70	A comprehensive, locally adapted soil quality indexing under different land uses in a typical watershed of the eastern Qinghai-Tibet Plateau. *Ecological Indicators*, **2021**, 125, 107445	5.8	5
69	Distribution and migration characteristics of dinitrotoluene sulfonates (DNTs) in typical TNT production sites: Effects and health risk assessment. *Journal of Environmental Management*, **2021**, 287, 112342	7.9	4
68	Multivariate statistical analysis of potentially toxic elements in soils under different land uses: Spatial relationship, ecological risk assessment, and source identification. *Environmental Geochemistry and Health*, **2021**, 1	4.7	1
67	Phytotoxicity of YO nanoparticles and Y ions on rice seedlings under hydroponic culture. *Chemosphere*, **2021**, 263, 127943	8.4	11
66	Heavy metals in different moss species in alpine ecosystems of Mountain Gongga, China: Geochemical characteristics and controlling factors. *Environmental Pollution*, **2021**, 272, 115991	9.3	9
65	Identification of areas vulnerable to soil erosion and risk assessment of phosphorus transport in a typical watershed in the Loess Plateau. *Science of the Total Environment*, **2021**, 758, 143661	10.2	9
64	Analyzing environmental risk, source and spatial distribution of potentially toxic elements in dust of residential area in Xi'an urban area, China. *Ecotoxicology and Environmental Safety*, **2021**, 208, 111679	7	13
63	Long-term ecological effects of two artificial forests on soil properties and quality in the eastern Qinghai-Tibet Plateau. *Science of the Total Environment*, **2021**, 796, 148986	10.2	3
62	Assessment of reactive oxygen species production and genotoxicity of rare earth mining dust: Implications for public health and mining management. *Science of the Total Environment*, **2020**, 740, 139759	10.2	4
61	A comparative study of the physiological and biochemical properties of tomato (Lycopersicon esculentum M.) and maize (Zea mays L.) under palladium stress. *Science of the Total Environment*, **2020**, 705, 135938	10.2	9
60	Adsorption of phenol and bisphenol A on river sediments: Effects of particle size, humic acid, pH and temperature. *Ecotoxicology and Environmental Safety*, **2020**, 204, 111093	7	18
59	Elucidating the differentiation of soil heavy metals under different land uses with geographically weighted regression and self-organizing map. *Environmental Pollution*, **2020**, 260, 114065	9.3	38
58	Effects of adding selenium on different remediation measures of paddy fields with slight-moderate cadmium contamination. *Environmental Geochemistry and Health*, **2020**, 42, 377-388	4.7	5
57	Synergetic mediation of reduced graphene oxide and Cu(II) on the oxidation of 2-naphthol in water. *Environmental Pollution*, **2019**, 252, 689-696	9.3	3
56	Data integration analysis: Heavy metal pollution in China's large-scale cattle rearing and reduction potential in manure utilization. *Journal of Cleaner Production*, **2019**, 232, 308-317	10.3	19

55	Effects of cerium oxide on rice seedlings as affected by co-exposure of cadmium and salt. *Environmental Pollution*, **2019**, 252, 1087-1096	9.3	22
54	Combining multiple methods for provenance discrimination based on rare earth element geochemistry in lake sediment. *Science of the Total Environment*, **2019**, 672, 264-274	10.2	20
53	Adsorption of cadmium and lead in wastewater by four kinds of biomass xanthates. *Water Science and Technology*, **2019**, 79, 1222-1230	2.2	5
52	Effects of spraying nano-materials on the absorption of metal(loid)s in cucumber. *IET Nanobiotechnology*, **2019**, 13, 712-719	2	19
51	Geochemical Characteristics of Rare Earth Elements in Soils from Puding Karst Critical Zone Observatory, Southwest China. *Sustainability*, **2019**, 11, 4963	3.6	10
50	Distribution and Contamination Assessment of Soil Heavy Metals in the Jiulongjiang River Catchment, Southeast China. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	14
49	Shifting of phytoplankton assemblages in a regulated Chinese river basin after streamflow and water quality changes. *Science of the Total Environment*, **2019**, 654, 948-959	10.2	6
48	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. *Science of the Total Environment*, **2019**, 653, 849-859	10.2	30
47	Discrimination of rare earth element geochemistry and co-occurrence in sediment from Poyang Lake, the largest freshwater lake in China. *Chemosphere*, **2019**, 217, 851-857	8.4	9
46	Heavy metal occurrence and risk assessment in dairy feeds and manures from the typical intensive dairy farms in China. *Environmental Science and Pollution Research*, **2019**, 26, 6348-6358	5.1	29
45	Major ion and dissolved heavy metal geochemistry, distribution, and relationship in the overlying water of Dongting Lake, China. *Environmental Geochemistry and Health*, **2019**, 41, 1091-1104	4.7	10
44	Characteristics, sources, water quality and health risk assessment of trace elements in river water and well water in the Chinese Loess Plateau. *Science of the Total Environment*, **2019**, 650, 2004-2012	10.2	175
43	Heavy metal bioaccessibility and health risks in the contaminated soil of an abandoned, small-scale lead and zinc mine. *Environmental Science and Pollution Research*, **2018**, 25, 15044-15056	5.1	25
42	Source and path identification of metals pollution in a mining area by PMF and rare earth element patterns in road dust. *Science of the Total Environment*, **2018**, 633, 958-966	10.2	50
41	Multivariate geostatistical analysis and source identification of heavy metals in the sediment of Poyang Lake in China. *Science of the Total Environment*, **2018**, 621, 1433-1444	10.2	116
40	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. *Environmental Geochemistry and Health*, **2018**, 40, 2795-2805	4.7	9
39	Assessing the impact of human activities on surface pollen assemblages in Qinghai Lake Basin, China. *Journal of Quaternary Science*, **2018**, 33, 702-712	2.3	6
38	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. *Geoderma*, **2018**, 328, 10-19	6.7	11

37	Multivariable cokriging prediction and source analysis of potentially toxic elements (Cr, Cu, Cd, Pb, and Zn) in surface sediments from Dongting Lake, China. *Ecological Indicators*, **2018**, 94, 312-319	5.8	20
36	Probabilistic modeling of aggregate lead exposure in children of urban China using an adapted IEUBK model. *Science of the Total Environment*, **2017**, 584-585, 259-267	10.2	13
35	Release of reactive phosphorus from sediments in Dongting Lake linked with the Yangtze River. *Environmental Chemistry*, **2017**, 14, 48	3.2	5
34	Simulation on phosphorus release characteristics of Poyang Lake sediments under variable water levels and velocities. *Journal of Chinese Geography*, **2017**, 27, 697-710	3.7	9
33	Pollution level and inhalation exposure of ambient aerosol fluoride as affected by polymetallic rare earth mining and smelting in Baotou, north China. *Atmospheric Environment*, **2017**, 167, 40-48	5.3	14
32	An experimental study on the effects of freeze–thaw cycles on phosphorus adsorption–desorption processes in brown soil. *RSC Advances*, **2017**, 7, 37441-37446	3.7	13
31	Risk assessment of atmospheric heavy metals exposure in Baotou, a typical industrial city in northern China. *Environmental Geochemistry and Health*, **2016**, 38, 843-53	4.7	27
30	Distribution patterns and dynamics of phosphorus forms in the overlying water and sediment of Dongting Lake. *Journal of Great Lakes Research*, **2016**, 42, 565-570	3	13
29	The diffusion fluxes and sediment activity of phosphorus in the sediment–water interface of Poyang Lake. *Journal of Freshwater Ecology*, **2016**, 31, 521-531	1.4	4
28	Anomalous abundance and redistribution patterns of rare earth elements in soils of a mining area in Inner Mongolia, China. *Environmental Science and Pollution Research*, **2016**, 23, 11330-11338	5.1	17
27	Atmospheric thorium pollution and inhalation exposure in the largest rare earth mining and smelting area in China. *Science of the Total Environment*, **2016**, 572, 1-8	10.2	26
26	High-resolution imaging of labile phosphorus and its relationship with iron redox state in lake sediments. *Environmental Pollution*, **2016**, 219, 466-474	9.3	47
25	Nitrogen distribution and ammonia release from the overlying water and sediments of Poyang Lake, China. *Environmental Earth Sciences*, **2015**, 74, 771-778	2.9	22
24	Geochemical fractions of rare earth elements in soil around a mine tailing in Baotou, China. *Scientific Reports*, **2015**, 5, 12483	4.9	39
23	Adsorption of nitrophenol compounds from aqueous solution by cross-linked starch-based polymers. *Desalination and Water Treatment*, **2015**, 55, 1575-1585		18
22	No-tillage and fertilization management on crop yields and nitrate leaching in North China Plain. *Ecology and Evolution*, **2015**, 5, 1143-55	2.8	16
21	Distribution characteristics of phosphorus in the sediments and overlying water of Poyang lake. *PLoS ONE*, **2015**, 10, e0125859	3.7	30
20	Nitrous oxide emissions in a winter wheat–summer maize double cropping system under different tillage and fertilizer management. *Soil Use and Management*, **2015**, 31, 98-105	3.1	9

19	Contamination and health risk assessment of heavy metals in road dust in Bayan Obo Mining Region in Inner Mongolia, North China. *Journal of Chinese Geography*, **2015**, 25, 1439-1451	3.7	70
18	Effects of no-tillage systems on soil physical properties and carbon sequestration under long-term wheat□maize double cropping system. *Catena*, **2015**, 128, 195-202	5.8	43
17	Accumulation and fractionation of rare earth elements in atmospheric particulates around a mine tailing in Baotou, China. *Atmospheric Environment*, **2014**, 88, 23-29	5.3	54
16	Cross-linked starch-based polymer as an SPE material for the determination of nitrophenols at trace levels in environmental water. *Journal of Separation Science*, **2014**, 37, 257-64	3.4	6
15	Study on Nitrogen Dynamics at the Sediment□Water Interface of Dongting Lake, China. *Aquatic Geochemistry*, **2014**, 20, 501-517	1.7	29
14	State of rare earth elements in different environmental components in mining areas of China. *Environmental Monitoring and Assessment*, **2014**, 186, 1499-513	3.1	172
13	Rare earth element components in atmospheric particulates in the Bayan Obo mine region. *Environmental Research*, **2014**, 131, 64-70	7.9	29
12	Effects of exogenous rare earth elements on phosphorus adsorption and desorption in different types of soils. *Chemosphere*, **2014**, 103, 148-55	8.4	43
11	Applications of stochastic models and geostatistical analyses to study sources and spatial patterns of soil heavy metals in a metalliferous industrial district of China. *Science of the Total Environment*, **2014**, 490, 422-34	10.2	41
10	Laboratory experiments of phosphorus loss with surface runoff during simulated rainfall. *Environmental Earth Sciences*, **2013**, 70, 2839-2846	2.9	21
9	The effects of fertilizer applications on runoff loss of phosphorus. *Environmental Earth Sciences*, **2013**, 68, 1313-1319	2.9	27
8	Determination of polycyclic aromatic hydrocarbons from soil samples using selective pressurized liquid extraction. *Analytical Methods*, **2012**, 4, 2441	3.2	16
7	Effects of antecedent soil moisture on losses of rare earth elements and phosphorus in runoff. *Environmental Earth Sciences*, **2012**, 66, 2379-2385	2.9	3
6	An experimental study on using rare earth elements to trace phosphorous losses from nonpoint sources. *Chemosphere*, **2011**, 85, 1075-9	8.4	20
5	Leaching losses of nitrate nitrogen and dissolved organic nitrogen from a yearly two crops system, wheat-maize, under monsoon situations. *Nutrient Cycling in Agroecosystems*, **2011**, 91, 77-89	3.3	36
4	Effects of soil type on leaching and runoff transport of rare earth elements and phosphorous in laboratory experiments. *Environmental Science and Pollution Research*, **2011**, 18, 38-45	5.1	26
3	Natural radionuclide concentrations in soils around Baoji coal-fired power plant, China. *Radiation Effects and Defects in Solids*, **2007**, 162, 677-683	0.9	13
2	Spatial distribution and risk assessment of radionuclides in soils around a coal-fired power plant: a case study from the city of Baoji, China. *Environmental Research*, **2007**, 104, 201-8	7.9	43

1	Biochar combined with nitrogen fertilizer affects soil properties and wheat yield in medium-low-yield farmland. *Soil Use and Management*,	3.1	3