Chunhui Wang

List of Publications by Year
in descending order

30 papers	1,848 citations	430442 18 h-index	454577 30 g-index
30 all docs	30 docs citations	30 times ranked	1792 citing authors

#	Article	IF	Citations
1	Environmental source, fate, and toxicity of microplastics. Journal of Hazardous Materials, 2021, 407, 124357.	6.5	414
2	Heavy metals in food crops, soil, and water in the Lihe River Watershed of the Taihu Region and their potential health risks when ingested. Science of the Total Environment, 2018, 615, 141-149.	3.9	222
3	Polycyclic aromatic hydrocarbons in soils from urban to rural areas in Nanjing: Concentration, source, spatial distribution, and potential human health risk. Science of the Total Environment, 2015, 527-528, 375-383.	3.9	208
4	Improving risk management by using the spatial interaction relationship of heavy metals and PAHs in urban soil. Journal of Hazardous Materials, 2019, 364, 108-116.	6.5	132
5	Characteristics and Source Identification of Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Soils: A Review. Pedosphere, 2017, 27, 17-26.	2.1	130
6	Combining emission inventory and isotope ratio analyses for quantitative source apportionment of heavy metals in agricultural soil. Chemosphere, 2018, 204, 140-147.	4.2	75
7	One-century sedimentary record of heavy metal pollution in western Taihu Lake, China. Environmental Pollution, 2018, 240, 709-716.	3.7	73
8	Nano-porous bimetallic CuCo-MOF-74 with coordinatively unsaturated metal sites for peroxymonosulfate activation to eliminate organic pollutants: Performance and mechanism. Chemosphere, 2021, 273, 129643.	4.2	68
9	Heterogeneous activation of peroxymonosulfate by bimetallic MOFs for efficient degradation of phenanthrene: Synthesis, performance, kinetics, and mechanisms. Separation and Purification Technology, 2021, 259, 118217.	3.9	60
10	Human health risks of polycyclic aromatic hydrocarbons in the urban soils of Nanjing, China. Science of the Total Environment, 2018, 612, 750-757.	3.9	54
11	Determination of influencing factors on historical concentration variations of PAHs in West Taihu Lake, China. Environmental Pollution, 2019, 249, 573-580.	3.7	44
12	Environmental distribution, transport and ecotoxicity of microplastics: A review. Journal of Applied Toxicology, 2021, 41, 52-64.	1.4	41
13	Concentration, fluxes, risks, and sources of heavy metals in atmospheric deposition in the Lihe River watershed, Taihu region, eastern China. Environmental Pollution, 2019, 255, 113301.	3.7	39
14	Polycyclic aromatic hydrocarbons and heavy metals in urban environments: Concentrations and joint risks in surface soils with diverse land uses. Land Degradation and Development, 2020, 31, 383-391.	1.8	28
15	Concentration, distribution, source apportionment, and risk assessment of surrounding soil PAHs in industrial and rural areas: A comparative study. Ecological Indicators, 2021, 125, 107513.	2.6	27
16	Modeling and mapping of critical loads for heavy metals in Kunshan soil. Science of the Total Environment, 2016, 569-570, 191-200.	3.9	26
17	Heavy Metals in Agricultural Soils of the Lihe River Watershed, East China: Spatial Distribution, Ecological Risk, and Pollution Source. International Journal of Environmental Research and Public Health, 2019, 16, 2094.	1.2	24
18	Effects of alternate partial root-zone irrigation on the utilization and movement of nitrates in soil by tomato plants. Scientia Horticulturae, 2019, 243, 41-47.	1.7	21

#	Article	IF	Citations
19	Analysis of Historical Sources of Heavy Metals in Lake Taihu Based on the Positive Matrix Factorization Model. International Journal of Environmental Research and Public Health, 2018, 15, 1540.	1.2	20
20	Microplastics in urban soils of Nanjing in eastern China: Occurrence, relationships, and sources. Chemosphere, 2022, 303, 134999.	4.2	20
21	Surface water polycyclic aromatic hydrocarbons (PAH) in urban areas of Nanjing, China. Water Science and Technology, 2017, 76, 2150-2157.	1.2	19
22	Exposure to polycyclic aromatic hydrocarbons (PAHs) in people living in urban and rural areas as revealed by hair analysis. Chemosphere, 2020, 246, 125764.	4.2	17
23	Formation mechanism of soil PAH distribution: High and low urbanization. Geoderma, 2020, 367, 114271.	2.3	16
24	Developing a Black Carbon-Substituted Multimedia Model for Simulating the PAH Distributions in Urban Environments. Scientific Reports, 2017, 7, 14548.	1.6	15
25	Selective and leaching-resistant palladium catalyst on a porous polymer support for phenol hydrogenation. Journal of Colloid and Interface Science, 2021, 604, 876-884.	5.0	15
26	Elemental carbon components and PAHs in soils from different areas of the Yangtze River Delta region, China and their relationship. Catena, 2021, 199, 105086.	2.2	12
27	International food trade reduces environmental effects of nitrogen pollution in China. Environmental Science and Pollution Research, 2016, 23, 17370-17379.	2.7	10
28	Spatiotemporal distribution and dynamic modeling of atmospheric gaseous polycyclic aromatic hydrocarbons in a rapidly urbanizing city: Nanjing, China. Environmental Geochemistry and Health, 2018, 40, 2603-2616.	1.8	9
29	Effects of partial rootâ€zone irrigation and nitrogen forms on the movement of nitrate in deep subsoil and its utilization by tomato plants. European Journal of Soil Science, 2020, 71, 448-458.	1.8	6
30	Seasonal Variation of Methane Microseepage in the Dawanqi Oilfield (China): A Possible Climatic Control. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034637.	1.2	3