Hui Wei

List of Publications by Year
in descending order

41 papers	948 citations	516710 16 h-index	477307 29 g-index
42 all docs	42 docs citations	42 times ranked	1139 citing authors

#	Article	IF	Citations
1	Increasing acid rain frequency promotes the microbial community dissimilarities of forest soil rather than agricultural soil in southern China. Ecotoxicology and Environmental Safety, 2022, 230, 113123.	6.0	6
2	Dual Role of Acid Rain and Pyricularia oryzae on Growth, Photosynthesis and Chloroplast Ultrastructure in Rice Seedlings. Agronomy, 2022, 12, 567.	3.0	4
3	Data Integration Analysis Indicates That Soil Texture and pH Greatly Influence the Acid Buffering Capacity of Global Surface Soils. Sustainability, 2022, 14, 3017.	3.2	3
4	Effect of polyethylene microplastics and acid rain on the agricultural soil ecosystem in Southern China. Environmental Pollution, 2022, 303, 119094.	7.5	19
5	Urbanization induced changes in the accumulation mode of organic carbon in the surface soil of subtropical forests. Catena, 2022, 214, 106264.	5.0	3
6	Characterization and utilization of biochars derived from five invasive plant species Bidens pilosa L., Praxelis clematidea, Ipomoea cairica, Mikania micrantha and Lantana camara L. for Cd2+ and Cu2+ removal. Journal of Environmental Management, 2021, 280, 111746.	7.8	23
7	Higher Sensitivity of Soil Microbial Network Than Community Structure under Acid Rain. Microorganisms, 2021, 9, 118.	3.6	14
8	Three-year-period nitrogen additions did not alter soil organic carbon content and lability in soil aggregates in a tropical forest. Environmental Science and Pollution Research, 2021, 28, 37793-37803.	5.3	1
9	Intercropping perennial aquatic plants with rice improved paddy field soil microbial biomass, biomass carbon and biomass nitrogen to facilitate soil sustainability. Soil and Tillage Research, 2021, 208, 104908.	5.6	18
10	Idiosyncratic responses of microbial communities and carbon utilization to acid rain frequency in the agricultural and forest soils. Global Ecology and Conservation, 2021, 26, e01429.	2.1	3
11	Reduced pests, improved grain quality and greater total income: benefits of intercropping rice with <scp>Pontederia cordata</scp>. Journal of the Science of Food and Agriculture, 2021, 101, 5907-5917.	3.5	6
12	Influences of temperature and moisture on abiotic and biotic soil CO2 emission from a subtropical forest. Carbon Balance and Management, 2021, 16, 18.	3.2	5
13	Adaptation of Soil Fungal Community Structure and Assembly to Long- Versus Short-Term Nitrogen Addition in a Tropical Forest. Frontiers in Microbiology, 2021, 12, 689674.	3.5	20
14	Seasonality regulates the effects of acid rain on microbial community in a subtropical agricultural soil of Southern China. Ecotoxicology and Environmental Safety, 2021, 224, 112681.	6.0	17
15	Agronomic Efficiency Losses by Ammonia Emission from Staple Crops in China as Response to Various Mitigation Strategies: A Meta-Analysis Study. Agronomy, 2021, 11, 2593.	3.0	1
16	Continuous Cropping Alters Multiple Biotic and Abiotic Indicators of Soil Health. Soil Systems, 2020, 4, 59.	2.6	63
17	Coupled changes in soil organic carbon fractions and microbial community composition in urban and suburban forests. Scientific Reports, 2020, 10, 15933.	3.3	11
18	Acid Rain Increases Impact of Rice Blast on Crop Health via Inhibition of Resistance Enzymes. Plants, 2020, 9, 881.	3.5	8

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19	Quality dependence of litter decomposition and its carbon, nitrogen and phosphorus release under simulated acid rain treatments. Environmental Science and Pollution Research, 2020, 27, 19858-19868.	5.3	7
20	Effect of simulated acid rain on soil CO2, CH4 and N2O emissions and microbial communities in an agricultural soil. Geoderma, 2020, 366, 114222.	5.1	53
21	Crop-litter type determines the structure and function of litter-decomposing microbial communities under acid rain conditions. Science of the Total Environment, 2020, 713, 136600.	8.0	18
22	Integrated Rice-Duck Farming Decreases Soil Seed Bank and Weed Density in a Paddy Field. Agronomy, 2019, 9, 259.	3.0	7
23	Warming but Not Nitrogen Addition Alters the Linear Relationship Between Microbial Respiration and Biomass. Frontiers in Microbiology, 2019, 10, 1055.	3.5	13
24	A Bibliometric Analysis of Research on Acid Rain. Sustainability, 2019, 11, 3077.	3.2	35
25	Invasion of Praxelis clematidea increases the chemically non-labile rather than labile soil organic carbon in a tropical savanna. Archives of Agronomy and Soil Science, 2018, 64, 441-447.	2.6	2
26	Turn bane into a boon: Application of invasive plant species to remedy soil cadmium contamination. Chemosphere, 2018, 210, 1013-1020.	8.2	46
27	Changing rainfall frequency affects soil organic carbon concentrations by altering non-labile soil organic carbon concentrations in a tropical monsoon forest. Science of the Total Environment, 2018, 644, 762-769.	8.0	17
28	Grass cultivation alters soil organic carbon fractions in a subtropical orchard of southern China. Soil and Tillage Research, 2018, 181, 110-116.	5.6	25
29	Soil properties and carbon and nitrogen pools in a young hillside longan orchard after the introduction of leguminous plants and residues. PeerJ, 2018, 6, e5536.	2.0	8
30	Invasion effects of Chromolaena odorata on soil carbon and nitrogen fractions in a tropical savanna. Ecosphere, 2017, 8, e01831.	2.2	10
31	Effects of Praxelis clematidea invasion on soil nitrogen fractions and transformation rates in a tropical savanna. Environmental Science and Pollution Research, 2017, 24, 3654-3663.	5.3	7
32	Altered precipitation seasonality impacts the dominant fungal but rare bacterial taxa in subtropical forest soils. Biology and Fertility of Soils, 2017, 53, 231-245.	4.3	64
33	Soil microbial carbon utilization, enzyme activities and nutrient availability responses to Bidens pilosa and a non-invasive congener under different irradiances. Scientific Reports, 2017, 7, 11309.	3.3	16
34	Greater diversity of soil fungal communities and distinguishable seasonal variation in temperate deciduous forests compared with subtropical evergreen forests of eastern China. FEMS Microbiology Ecology, 2017, 93, .	2.7	57
35	Effects of simulated acid rain on soil fauna community composition and their ecological niches. Environmental Pollution, 2017, 220, 460-468.	7.5	79
36	Exogenous Nitrogen Addition Reduced the Temperature Sensitivity of Microbial Respiration without Altering the Microbial Community Composition. Frontiers in Microbiology, 2017, 8, 2382.	3.5	16

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37	Are variations in heterotrophic soil respiration related to changes in substrate availability and microbial biomass carbon in the subtropical forests?. Scientific Reports, 2016, 5, 18370.	3.3	38
38	Soil microbial community composition does not predominantly determine the variance of heterotrophic soil respiration across four subtropical forests. Scientific Reports, 2015, 5, 7854.	3.3	28
39	Thermal acclimation of organic matter decomposition in an artificial forest soil is related to shifts in microbial community structure. Soil Biology and Biochemistry, 2014, 71, 1-12.	8.8	77
40	High clay content accelerates the decomposition of fresh organic matter in artificial soils. Soil Biology and Biochemistry, 2014, 77, 100-108.	8.8	89
41	Perspective of agricultural water safety under combined future changes in crop water requirements and climate conditions in China. Theoretical and Applied Climatology, 0, , 1.	2.8	2