

Xinhou Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microplastics with cadmium inhibit the growth of <i>Vallisneria natans</i> (Lour.) Hara rather than reduce cadmium toxicity. <i>Chemosphere</i> , 2021, 266, 128979.	8.2	54
2	Responses of foliar phosphorus fractions to soil age are diverse along a 2ÂMyr dune chronosequence. <i>New Phytologist</i> , 2019, 223, 1621-1633.	7.3	46
3	Plant functional group controls litter decomposition rate and its temperature sensitivity: An incubation experiment on litters from a boreal peatland in northeast China. <i>Science of the Total Environment</i> , 2018, 626, 678-683.	8.0	42
4	Litter mass loss and nutrient dynamics of four emergent macrophytes during aerial decomposition in freshwater marshes of the Sanjiang plain, Northeast China. <i>Plant and Soil</i> , 2014, 385, 139-147.	3.7	28
5	Similarities and differences among the responses to three chlorinated organophosphate esters in earthworm: Evidences from biomarkers, transcriptomics and metabolomics. <i>Science of the Total Environment</i> , 2022, 815, 152853.	8.0	26
6	Effects of nitrogen addition on plant functional traits in freshwater wetland of Sanjiang Plain, Northeast China. <i>Chinese Geographical Science</i> , 2014, 24, 674-681.	3.0	18
7	CO ₂ evolution from standing litter of the emergent macrophyte <i>Deyeuxia angustifolia</i> in the Sanjiang Plain, Northeast China. <i>Ecological Engineering</i> , 2014, 63, 45-49.	3.6	17
8	<i>Potamogeton crispus</i> responses to varying water depth in morphological plasticity and physiological traits. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4253-4261.	5.3	16
9	Comparing differences in early-stage decay of macrophyte shoots between in the air and on the sediment surface in a temperate freshwater marsh. <i>Ecological Engineering</i> , 2015, 81, 14-18.	3.6	9
10	Warming enhances the cadmium toxicity on macrophyte <i>Myriophyllum aquaticum</i> (Vell.) Verd. seedlings. <i>Environmental Pollution</i> , 2021, 268, 115912.	7.5	9
11	Reclamation substantially increases soil organic and inorganic carbon stock in riparian floodplains. <i>Journal of Soils and Sediments</i> , 2021, 21, 957-966.	3.0	8
12	Rapid adaptive responses of rosette-type macrophyte <i>Vallisneria natans</i> juveniles to varying water depths: The role of leaf trait plasticity. <i>Ecology and Evolution</i> , 2021, 11, 14268-14281.	1.9	7
13	Nitrogen addition in a freshwater marsh alters the quality of senesced leaves, promoting decay rates and changing nutrient dynamics during the standing-dead phase. <i>Plant and Soil</i> , 2017, 417, 511-521.	3.7	6
14	Effects of Water Regimes on Methane Emissions in Peatland and Gley Marsh. <i>Vadose Zone Journal</i> , 2018, 17, 180017.	2.2	3
15	Is Moss Stoichiometry Influenced by Microtopography in a Boreal Peatland of Northeast China?. <i>Chinese Geographical Science</i> , 2018, 28, 1038-1047.	3.0	3
16	Vertical patterns of leaf physiology and biofilm characteristics for submerged macrophytes in a shallow subtropical lake. <i>Marine and Freshwater Research</i> , 2021, 72, 1233-1242.	1.3	3
17	Short-term response of CO ₂ emissions to various leaf litters: a case study from freshwater marshes of Northeast China. <i>Wetlands Ecology and Management</i> , 2017, 25, 119-128.	1.5	1
18	Early-stage decomposition of maize litter at different positions in a semi-arid cropland. <i>Archives of Agronomy and Soil Science</i> , 2020, 66, 819-829.	2.6	0