Wenjuan Han

List of Publications by Year
in descending order

21	363	840585 11	794469 19
papers	citations	h-index	g-index

21	21	21	281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of plant diversity on phosphorus removal in hydroponic microcosms simulating floating constructed wetlands. Ecological Engineering, 2017, 107, 110-119.	1.6	48
2	Positive effects of plant diversity on nitrogen removal in microcosms of constructed wetlands with high ammonium loading. Ecological Engineering, 2015, 82, 614-623.	1.6	39
3	Effects of plant diversity and sand particle size on methane emission and nitrogen removal in microcosms of constructed wetlands. Ecological Engineering, 2016, 95, 390-398.	1.6	35
4	Plant diversity decreases net global warming potential integrating multiple functions in microcosms of constructed wetlands. Journal of Cleaner Production, 2018, 184, 718-726.	4.6	33
5	Plant species diversity impacts nitrogen removal and nitrous oxide emissions as much as carbon addition in constructed wetland microcosms. Ecological Engineering, 2016, 93, 144-151.	1.6	29
6	Reduce health damage cost of greenhouse gas and ammonia emissions by assembling plant diversity in floating constructed wetlands treating wastewater. Journal of Cleaner Production, 2020, 244, 118927.	4.6	28
7	Plant species diversity reduces N2O but not CH4 emissions from constructed wetlands under high nitrogen levels. Environmental Science and Pollution Research, 2017, 24, 5938-5948.	2.7	27
8	Effects of plant diversity on greenhouse gas emissions in microcosms simulating vertical constructed wetlands with high ammonium loading. Journal of Environmental Sciences, 2019, 77, 229-237.	3.2	22
9	Decreases in ammonia volatilization in response to greater plant diversity in microcosms of constructed wetlands. Atmospheric Environment, 2016, 142, 414-419.	1.9	19
10	Responses of Dissimilatory Nitrate Reduction to Ammonium and Denitrification to Plant Presence, Plant Species and Species Richness in Simulated Vertical Flow Constructed Wetlands. Wetlands, 2017, 37, 109-122.	0.7	19
11	Removal of metals and their pools in plant in response to plant diversity in microcosms of floating constructed wetlands. Ecological Engineering, 2018, 113, 65-73.	1.6	13
12	Increasing plant diversity offsets the influence of coarse sand on ecosystem services in microcosms of constructed wetlands. Environmental Science and Pollution Research, 2020, 27, 34398-34411.	2.7	10
13	Increasing plant diversity to mitigate net greenhouse effect of wastewater treatment in floating constructed wetlands. Journal of Cleaner Production, 2021, 314, 127955.	4.6	10
14	Nitrogen-removal ability and niche of Coix lacryma-jobi and Reineckia carnea in response to NO3â¯/NH4+ ratio. Aquatic Botany, 2015, 120, 193-200.	0.8	7
15	Plant species diversity affects plant nutrient pools by affecting plant biomass and nutrient concentrations in high-nitrogen ecosystems. Basic and Applied Ecology, 2021, 56, 213-225.	1.2	7
16	Species identity but not richness affects effluent nitrogen, phosphorus, and potassium concentrations and the ratios in floating-constructed wetlands. Environmental Science and Pollution Research, 2022, 29, 48748-48758.	2.7	4
17	A strategy for introducing an endangered plant Mosla hangchowensis to urban area based on nitrogen preference. Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	3
18	Effects of nitrogen deposition and liming on the early regeneration of two dominant tree species in a subtropical forest of China. Ecoscience, 2019, 26, 269-277.	0.6	3

#	Article	IF	Citations
19	Effects of Plant Diversity and Plant Density on Ecosystem Functions in Floating Constructed Wetlands. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	3
20	Similar mechanisms underlie beta diversity of bryophytes in two archipelagos with different isolation time. Ecosphere, 2020, 11, e03296.	1.0	2
21	Comparing the effects of plant diversity on the nitrogen removal and stability in floating and sand-based constructed wetlands under ammonium/nitrate ratio disturbance. Environmental Science and Pollution Research, 2021, 28, 69354-69366.	2.7	2