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List of Publications by Year
in descending order

31 papers	915 citations	394421 19 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	699 citing authors

#	Article	IF	Citations
1	Unveiling the role of sediments in phosphorus removal in pilot-scale constructed wetlands for swine wastewater treatment. Science of the Total Environment, 2022, 807, 150684.	8.0	7
2	Effects of water level on nitrous oxide emissions from vegetated ditches. Science of the Total Environment, 2022, 811, 151419.	8.0	8
3	Cold temperature increases nitrate accumulation in pilot-scale surface flow constructed wetlands with high rates of nitrogen removal. Agriculture, Ecosystems and Environment, 2021, 308, 107250.	5.3	10
4	Are vegetated drainage ditches effective for nitrogen removal under cold temperatures?. Bioresource Technology, 2020, 301, 122744.	9.6	14
5	Nitrogen removal performance and needed area estimation of surface-flow constructed wetlands using a probabilistic approach. Journal of Environmental Management, 2020, 255, 109881.	7.8	6
6	Pilot-scale constructed wetlands for swine wastewater treatment: Microbial community analysis in bacterioplankton and epiphyton and options for resource recovery. Journal of Water Process Engineering, 2020, 37, 101466.	5.6	8
7	Nutrients release and greenhouse gas emission during decomposition of Myriophyllum aquaticum in a sediment-water system. Environmental Pollution, 2020, 260, 114015.	7.5	22
8	Stimulation of optimized influent C:N ratios on nitrogen removal in surface flow constructed wetlands: Performance and microbial mechanisms. Science of the Total Environment, 2019, 694, 133575.	8.0	42
9	Nitrous oxide emissions from pilot scale three-stage constructed wetlands with variable nitrogen loading. Bioresource Technology, 2019, 289, 121687.	9.6	14
10	Does rice straw application reduce N2O emissions from surface flow constructed wetlands for swine wastewater treatment?. Chemosphere, 2019, 226, 273-281.	8.2	19
11	Nitrogen removal and recovery from lagoon-pretreated swine wastewater by constructed wetlands under sustainable plant harvesting management. Bioresource Technology, 2018, 258, 247-254.	9.6	75
12	Performance and mechanisms of thermally treated bentonite for enhanced phosphate removal from wastewater. Environmental Science and Pollution Research, 2018, 25, 15980-15989.	5.3	30
13	Seasonality distribution of the abundance and activity of nitrification and denitrification microorganisms in sediments of surface flow constructed wetlands planted with Myriophyllum elatinoides during swine wastewater treatment. Bioresource Technology, 2018, 248, 89-97.	9.6	61
14	Purification and reuse of non-point source wastewater via Myriophyllum-based integrative biotechnology: A review. Bioresource Technology, 2018, 248, 3-11.	9.6	58
15	Performance of integrated ecological treatment system for decentralized rural wastewater and significance of plant harvest management. Ecological Engineering, 2018, 124, 69-76.	3.6	26
16	Evaluating organics removal performance from lagoon-pretreated swine wastewater in pilot-scale three-stage surface flow constructed wetlands. Chemosphere, 2018, 211, 286-293.	8.2	14
17	Nitrogen removal inMyriophyllum aquaticumwetland microcosms for swine wastewater treatment:¹⁵N-labelled nitrogen mass balance analysis. Journal of the Science of Food and Agriculture, 2017, 97, 505-511.	3.5	35
18	Nitrogen removal and distribution of ammonia-oxidizing and denitrifying genes in an integrated constructed wetland for swine wastewater treatment. Ecological Engineering, 2017, 104, 30-38.	3.6	38

#	ARTICLE	IF	CITATIONS
19	Allelopathic Effects of Myriophyllum aquaticum on Two Cyanobacteria of Anabaena flos-aquae and Microcystis aeruginosa. Bulletin of Environmental Contamination and Toxicology, 2017, 98, 556-561.	2.7	21
20	Spatiotemporal and species variations in prokaryotic communities associated with sediments from surface-flow constructed wetlands for treating swine wastewater. Chemosphere, 2017, 185, 1-10.	8.2	19
21	Phosphorus removal from lagoon-pretreated swine wastewater by pilot-scale surface flow constructed wetlands planted with Myriophyllum aquaticum. Science of the Total Environment, 2017, 576, 490-497.	8.0	69
22	Anaerobic ammonium oxidation in sediments of surface flow constructed wetlands treating swine wastewater. Applied Microbiology and Biotechnology, 2017, 101, 1301-1311.	3.6	21
23	Myriophyllum aquaticum Constructed Wetland Effectively Removes Nitrogen in Swine Wastewater. Frontiers in Microbiology, 2017, 8, 1932.	3.5	44
24	Effect of vegetation on nitrogen removal and ammonia volatilization from wetland microcosms. Ecological Engineering, 2016, 97, 363-369.	3.6	35
25	Effects of vegetation on ammonium removal and nitrous oxide emissions from pilot-scale drainage ditches. Aquatic Botany, 2016, 130, 37-44.	1.6	27
26	Nitrogen removal and mass balance in newly-formed Myriophyllum aquaticum mesocosm during a single 28-day incubation with swine wastewater treatment. Journal of Environmental Management, 2016, 166, 596-604.	7.8	62
27	Influence of substrates on nutrient removal performance of organic channel barriers in drainage ditches. Journal of Hydrology, 2015, 527, 380-386.	5.4	26
28	Abundance and distribution of microorganisms involved in denitrification in sediments of a Myriophyllum elatinoides purification system for treating swine wastewater. Environmental Science and Pollution Research, 2015, 22, 17906-17916.	5.3	8
29	Nitrogen removal in an ecological ditch receiving agricultural drainage in subtropical central China. Ecological Engineering, 2015, 82, 487-492.	3.6	48
30	Emissions of NO and N2O in wetland microcosms for swine wastewater treatment. Environmental Science and Pollution Research, 2015, 22, 19933-19939.	5.3	12
31	Effect of a novel constructed drainage ditch on the phosphorus sorption capacity of ditch soils in an agricultural headwater catchment in subtropical central China. Ecological Engineering, 2013, 58, 69-76.	3.6	36