

# Feng

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Nitrogen removal and recovery from lagoon-pretreated swine wastewater by constructed wetlands under sustainable plant harvesting management. <i>Bioresource Technology</i> , 2018, 258, 247-254.	9.6	75
2	Phosphorus removal from lagoon-pretreated swine wastewater by pilot-scale surface flow constructed wetlands planted with <i>Myriophyllum aquaticum</i> . <i>Science of the Total Environment</i> , 2017, 576, 490-497.	8.0	69
3	Nitrogen removal and mass balance in newly-formed <i>Myriophyllum aquaticum</i> mesocosm during a single 28-day incubation with swine wastewater treatment. <i>Journal of Environmental Management</i> , 2016, 166, 596-604.	7.8	62
4	Seasonality distribution of the abundance and activity of nitrification and denitrification microorganisms in sediments of surface flow constructed wetlands planted with <i>Myriophyllum elatinoides</i> during swine wastewater treatment. <i>Bioresource Technology</i> , 2018, 248, 89-97.	9.6	61
5	Purification and reuse of non-point source wastewater via <i>Myriophyllum</i> -based integrative biotechnology: A review. <i>Bioresource Technology</i> , 2018, 248, 3-11.	9.6	58
6	Nitrogen removal in an ecological ditch receiving agricultural drainage in subtropical central China. <i>Ecological Engineering</i> , 2015, 82, 487-492.	3.6	48
7	<i>Myriophyllum aquaticum</i> Constructed Wetland Effectively Removes Nitrogen in Swine Wastewater. <i>Frontiers in Microbiology</i> , 2017, 8, 1932.	3.5	44
8	Stimulation of optimized influent C:N ratios on nitrogen removal in surface flow constructed wetlands: Performance and microbial mechanisms. <i>Science of the Total Environment</i> , 2019, 694, 133575.	8.0	42
9	Nitrogen removal and distribution of ammonia-oxidizing and denitrifying genes in an integrated constructed wetland for swine wastewater treatment. <i>Ecological Engineering</i> , 2017, 104, 30-38.	3.6	38
10	Effect of a novel constructed drainage ditch on the phosphorus sorption capacity of ditch soils in an agricultural headwater catchment in subtropical central China. <i>Ecological Engineering</i> , 2013, 58, 69-76.	3.6	36
11	Effect of vegetation on nitrogen removal and ammonia volatilization from wetland microcosms. <i>Ecological Engineering</i> , 2016, 97, 363-369.	3.6	35
12	Nitrogen removal in <i>Myriophyllum aquaticum</i> wetland microcosms for swine wastewater treatment: <sup>15</sup> N-labelled nitrogen mass balance analysis. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 505-511.	3.5	35
13	Performance and mechanisms of thermally treated bentonite for enhanced phosphate removal from wastewater. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15980-15989.	5.3	30
14	Effects of vegetation on ammonium removal and nitrous oxide emissions from pilot-scale drainage ditches. <i>Aquatic Botany</i> , 2016, 130, 37-44.	1.6	27
15	Influence of substrates on nutrient removal performance of organic channel barriers in drainage ditches. <i>Journal of Hydrology</i> , 2015, 527, 380-386.	5.4	26
16	Performance of integrated ecological treatment system for decentralized rural wastewater and significance of plant harvest management. <i>Ecological Engineering</i> , 2018, 124, 69-76.	3.6	26
17	Nutrients release and greenhouse gas emission during decomposition of <i>Myriophyllum aquaticum</i> in a sediment-water system. <i>Environmental Pollution</i> , 2020, 260, 114015.	7.5	22
18	Allelopathic Effects of <i>Myriophyllum aquaticum</i> on Two Cyanobacteria of <i>Anabaena flos-aquae</i> and <i>Microcystis aeruginosa</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 556-561.	2.7	21

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19	Anaerobic ammonium oxidation in sediments of surface flow constructed wetlands treating swine wastewater. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1301-1311.	3.6	21
20	Spatiotemporal and species variations in prokaryotic communities associated with sediments from surface-flow constructed wetlands for treating swine wastewater. <i>Chemosphere</i> , 2017, 185, 1-10.	8.2	19
21	Does rice straw application reduce N <sub>2</sub> O emissions from surface flow constructed wetlands for swine wastewater treatment?. <i>Chemosphere</i> , 2019, 226, 273-281.	8.2	19
22	Evaluating organics removal performance from lagoon-pretreated swine wastewater in pilot-scale three-stage surface flow constructed wetlands. <i>Chemosphere</i> , 2018, 211, 286-293.	8.2	14
23	Nitrous oxide emissions from pilot scale three-stage constructed wetlands with variable nitrogen loading. <i>Bioresource Technology</i> , 2019, 289, 121687.	9.6	14
24	Are vegetated drainage ditches effective for nitrogen removal under cold temperatures?. <i>Bioresource Technology</i> , 2020, 301, 122744.	9.6	14
25	Emissions of NO and N <sub>2</sub> O in wetland microcosms for swine wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19933-19939.	5.3	12
26	Cold temperature increases nitrate accumulation in pilot-scale surface flow constructed wetlands with high rates of nitrogen removal. <i>Agriculture, Ecosystems and Environment</i> , 2021, 308, 107250.	5.3	10
27	Abundance and distribution of microorganisms involved in denitrification in sediments of a <i>Myriophyllum elatinoides</i> purification system for treating swine wastewater. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17906-17916.	5.3	8
28	Pilot-scale constructed wetlands for swine wastewater treatment: Microbial community analysis in bacterioplankton and epiphyton and options for resource recovery. <i>Journal of Water Process Engineering</i> , 2020, 37, 101466.	5.6	8
29	Effects of water level on nitrous oxide emissions from vegetated ditches. <i>Science of the Total Environment</i> , 2022, 811, 151419.	8.0	8
30	Unveiling the role of sediments in phosphorus removal in pilot-scale constructed wetlands for swine wastewater treatment. <i>Science of the Total Environment</i> , 2022, 807, 150684.	8.0	7
31	Nitrogen removal performance and needed area estimation of surface-flow constructed wetlands using a probabilistic approach. <i>Journal of Environmental Management</i> , 2020, 255, 109881.	7.8	6