Fei Zhong

List of Publications by Year
in descending order

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26 papers	507 citations	623734 14 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	545 citing authors

#	Article	IF	Citations
1	The Interaction Effects of Aeration and Plant on the Purification Performance of Horizontal Subsurface Flow Constructed Wetland. International Journal of Environmental Research and Public Health, 2022, 19, 1583.	2.6	3
2	Genome-Wide Characterization and Abiotic Stresses Expression Analysis of Annexin Family Genes in Poplar. International Journal of Molecular Sciences, 2022, 23, 515.	4.1	3
3	Comprehensive Analysis of Carotenoid Cleavage Dioxygenases Gene Family and Its Expression in Response to Abiotic Stress in Poplar. International Journal of Molecular Sciences, 2022, 23, 1418.	4.1	21
4	Soil Fungal Community Composition and Diversity of Culturable Endophytic Fungi from Plant Roots in the Reclaimed Area of the Eastern Coast of China. Journal of Fungi (Basel, Switzerland), 2022, 8, 124.	3.5	16
5	Characteristics, expression profile, and function of non-specific lipid transfer proteins of Populus trichocarpa. International Journal of Biological Macromolecules, 2022, 202, 468-481.	7.5	3
6	Performance of integrated vertical-flow constructed wetland-microbial fuel cells during long-term operation: The contribution of substrate type and vegetation. Journal of Environmental Chemical Engineering, 2022, 10, 107503.	6.7	7
7	Identify of Fast-Growing Related Genes Especially in Height Growth by Combining QTL Analysis and Transcriptome in Salix matsudana (Koidz). Frontiers in Genetics, 2021, 12, 596749.	2.3	4
8	Nutrient Removal Process and Cathodic Microbial Community Composition in Integrated Vertical-Flow Constructed Wetland â€“ Microbial Fuel Cells Filled With Different Substrates. Frontiers in Microbiology, 2020, 11, 1896.	3.5	29
9	Step-feeding ratios affect nitrogen removal and related microbial communities in multi-stage vertical flow constructed wetlands. Science of the Total Environment, 2020, 721, 137689.	8.0	36
10	Responses of water quality and phytoplankton assemblages to remediation projects in two hypereutrophic tributaries of Chaohu Lake. Journal of Environmental Management, 2019, 248, 109276.	7.8	22
11	Macrophyte identity shapes water column and sediment bacterial community. Hydrobiologia, 2019, 835, 71-82.	2.0	18
12	The use of microalgal biomass as a carbon source for nitrate removal in horizontal subsurface flow constructed wetlands. Ecological Engineering, 2019, 127, 263-267.	3.6	26
13	The use of vertical flow constructed wetlands for the treatment of hyper-eutrophic water bodies with dense cyanobacterial blooms. Water Science and Technology, 2018, 77, 1186-1195.	2.5	7
14	Increasing phytoplankton-available phosphorus and inhibition of macrophyte on phytoplankton bloom. Science of the Total Environment, 2017, 579, 871-880.	8.0	21
15	Triazophos (TAP) removal in horizontal subsurface flow constructed wetlands (HSCWs) and its accumulation in plants and substrates. Scientific Reports, 2017, 7, 5468.	3.3	14
16	Bacterial community analysis by PCR-DGGE and 454-pyrosequencing of horizontal subsurface flow constructed wetlands with front aeration. Applied Microbiology and Biotechnology, 2015, 99, 1499-1512.	3.6	86
17	Performance evaluation of wastewater treatment using horizontal subsurface flow constructed wetlands optimized by micro-aeration and substrate selection. Water Science and Technology, 2015, 71, 1317-1324.	2.5	15
18	Seed banks and their implications of rivers with different trophic levels in Chaohu Lake Basin, China. Environmental Science and Pollution Research, 2015, 22, 2247-2257.	5.3	6

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19	Acclimation of Hydrilla verticillata to sediment anoxia in vegetation restoration in eutrophic waters. Ecotoxicology, 2015, 24, 2181-2189.	2.4	12
20	A field study on phytoremediation of dredged sediment contaminated by heavy metals and nutrients: the impacts of sediment aeration. Environmental Science and Pollution Research, 2014, 21, 13452-13460.	5.3	18
21	Effects of front aeration on the purification process in horizontal subsurface flow constructed wetlands shown with 2D contour plots. Ecological Engineering, 2014, 73, 699-704.	3.6	19
22	Case study on rehabilitation of a polluted urban water body in Yangtze River Basin. Environmental Science and Pollution Research, 2013, 20, 7038-7045.	5.3	25
23	Removal efficiency and balance of nitrogen in a recirculating aquaculture system integrated with constructed wetlands. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 789-794.	1.7	13
24	The management of undesirable cyanobacteria blooms in channel catfish ponds using a constructed wetland: Contribution to the control of off-flavor occurrences. Water Research, 2011, 45, 6479-6488.	11.3	57
25	Application of constructed wetlands on wastewater treatment for aquaculture ponds. Wuhan University Journal of Natural Sciences, 2007, 12, 1131-1135.	0.4	26
26	Water Quality and Growth Simulation of Channel Catfish, Ictalurus Punctatus, in a Recirculating Aquaculture System Combined with Subsurface Flow Wetland. Advanced Materials Research, 0, 343-344, 1109-1116.	0.3	0