

Fei Zhong

List of Publications by Year in descending order

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26
papers

507
citations

623734

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545
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial community analysis by PCR-DGGE and 454-pyrosequencing of horizontal subsurface flow constructed wetlands with front aeration. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1499-1512.	3.6	86
2	The management of undesirable cyanobacteria blooms in channel catfish ponds using a constructed wetland: Contribution to the control of off-flavor occurrences. <i>Water Research</i> , 2011, 45, 6479-6488.	11.3	57
3	Step-feeding ratios affect nitrogen removal and related microbial communities in multi-stage vertical flow constructed wetlands. <i>Science of the Total Environment</i> , 2020, 721, 137689.	8.0	36
4	Nutrient Removal Process and Cathodic Microbial Community Composition in Integrated Vertical-Flow Constructed Wetland " Microbial Fuel Cells Filled With Different Substrates. <i>Frontiers in Microbiology</i> , 2020, 11, 1896.	3.5	29
5	Application of constructed wetlands on wastewater treatment for aquaculture ponds. <i>Wuhan University Journal of Natural Sciences</i> , 2007, 12, 1131-1135.	0.4	26
6	The use of microalgal biomass as a carbon source for nitrate removal in horizontal subsurface flow constructed wetlands. <i>Ecological Engineering</i> , 2019, 127, 263-267.	3.6	26
7	Case study on rehabilitation of a polluted urban water body in Yangtze River Basin. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7038-7045.	5.3	25
8	Responses of water quality and phytoplankton assemblages to remediation projects in two hypereutrophic tributaries of Chaohu Lake. <i>Journal of Environmental Management</i> , 2019, 248, 109276.	7.8	22
9	Increasing phytoplankton-available phosphorus and inhibition of macrophyte on phytoplankton bloom. <i>Science of the Total Environment</i> , 2017, 579, 871-880.	8.0	21
10	Comprehensive Analysis of Carotenoid Cleavage Dioxygenases Gene Family and Its Expression in Response to Abiotic Stress in Poplar. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1418.	4.1	21
11	Effects of front aeration on the purification process in horizontal subsurface flow constructed wetlands shown with 2D contour plots. <i>Ecological Engineering</i> , 2014, 73, 699-704.	3.6	19
12	A field study on phytoremediation of dredged sediment contaminated by heavy metals and nutrients: the impacts of sediment aeration. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13452-13460.	5.3	18
13	Macrophyte identity shapes water column and sediment bacterial community. <i>Hydrobiologia</i> , 2019, 835, 71-82.	2.0	18
14	Soil Fungal Community Composition and Diversity of Culturable Endophytic Fungi from Plant Roots in the Reclaimed Area of the Eastern Coast of China. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 124.	3.5	16
15	Performance evaluation of wastewater treatment using horizontal subsurface flow constructed wetlands optimized by micro-aeration and substrate selection. <i>Water Science and Technology</i> , 2015, 71, 1317-1324.	2.5	15
16	Triazophos (TAP) removal in horizontal subsurface flow constructed wetlands (HSCWs) and its accumulation in plants and substrates. <i>Scientific Reports</i> , 2017, 7, 5468.	3.3	14
17	Removal efficiency and balance of nitrogen in a recirculating aquaculture system integrated with constructed wetlands. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 789-794.	1.7	13
18	Acclimation of <i>Hydrilla verticillata</i> to sediment anoxia in vegetation restoration in eutrophic waters. <i>Ecotoxicology</i> , 2015, 24, 2181-2189.	2.4	12

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19	The use of vertical flow constructed wetlands for the treatment of hyper-eutrophic water bodies with dense cyanobacterial blooms. <i>Water Science and Technology</i> , 2018, 77, 1186-1195.	2.5	7
20	Performance of integrated vertical-flow constructed wetland-microbial fuel cells during long-term operation: The contribution of substrate type and vegetation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107503.	6.7	7
21	Seed banks and their implications of rivers with different trophic levels in Chaohu Lake Basin, China. <i>Environmental Science and Pollution Research</i> , 2015, 22, 2247-2257.	5.3	6
22	Identify of Fast-Growing Related Genes Especially in Height Growth by Combining QTL Analysis and Transcriptome in <i>Salix matsudana</i> (Koidz). <i>Frontiers in Genetics</i> , 2021, 12, 596749.	2.3	4
23	The Interaction Effects of Aeration and Plant on the Purification Performance of Horizontal Subsurface Flow Constructed Wetland. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1583.	2.6	3
24	Genome-Wide Characterization and Abiotic Stresses Expression Analysis of Annexin Family Genes in Poplar. <i>International Journal of Molecular Sciences</i> , 2022, 23, 515.	4.1	3
25	Characteristics, expression profile, and function of non-specific lipid transfer proteins of <i>Populus trichocarpa</i> . <i>International Journal of Biological Macromolecules</i> , 2022, 202, 468-481.	7.5	3
26	Water Quality and Growth Simulation of Channel Catfish, <i>Ictalurus Punctatus</i> , in a Recirculating Aquaculture System Combined with Subsurface Flow Wetland. <i>Advanced Materials Research</i> , 0, 343-344, 1109-1116.	0.3	0