Iron-Activated Carbon Systems to Enhance Aboriginal A Consortium for Improved Treatment of Micro-Polluted Mechanisms, and Implications

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Citation Report

#	Article	IF	Citations
1	Clarifying the beneficial effects of plant growth-promoting rhizobacteria for reducing abundances of antibiotic resistance genes during swine manure composting. Bioresource Technology, 2022, 353, 127117.	4.8	3
2	Nitrogen removal from low carbon/nitrogen polluted water is enhanced by a novel synthetic micro-ecosystem under aerobic conditions: Novel insight into abundance of denitrification genes and community interactions. Bioresource Technology, 2022, 351, 127013.	4.8	27
3	Cooperation triggers nitrogen removal and algal inhibition by actinomycetes during landscape water treatment: Performance and metabolic activity. Bioresource Technology, 2022, 356, 127313.	4.8	16
4	Succession characteristics of phytoplankton functional groups and water quality responsiveness evaluation in an artificial constructed wetland-reservoir ecosystem. Environmental Pollutants and Bioavailability, 2022, 34, 202-214.	1.3	1
5	Cyanobacterial bloom intensities determine planktonic eukaryote community structure and stability. Science of the Total Environment, 2022, 838, 156637.	3.9	10
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7	The scale-dependence of spatial distribution of reservoir plankton communities in subtropical and tropical China. Science of the Total Environment, 2022, 845, 157179.	3.9	12
8	Patterns of internal nitrogen and phosphorus loadings in a cascade reservoir with a large water level gradient: Effects of reservoir operation and water depth. Journal of Environmental Management, 2022, 320, 115884.	3.8	8
9	Biological nitrogen removal and metabolic characteristics of a novel cold-resistant heterotrophic nitrification and aerobic denitrification Rhizobium sp. WS7. Bioresource Technology, 2022, 362, 127756.	4.8	19
10	Synchronous N and P Removal in Carbon-Coated Nanoscale Zerovalent Iron Autotrophic Denitrificationâ”€The Synergy of the Carbon Shell and P Removal. Environmental Science & Technology, 2022, 56, 13314-13326.	4.6	5
11	Ironâ€Based Nanocatalysts for Electrochemical Nitrate Reduction. Small Methods, 2022, 6, .	4.6	48
12	Novel insights in seasonal dynamics and co-existence patterns of phytoplankton and micro-eukaryotes in drinking water reservoir, Northwest China: DNA data and ecological model. Science of the Total Environment, 2023, 857, 159160.	3.9	3
13	Bacterial community structure and metabolic activity of drinking water pipelines in buildings: A new perspective on dual effects of hydrodynamic stagnation and algal organic matter invasion. Water Research, 2022, 225, 119161.	5.3	17
14	Transcriptome analysis reveals the molecular mechanisms of Phragmites australis tolerance to CuO-nanoparticles and/or flood stress induced by arbuscular mycorrhizal fungi. Journal of Hazardous Materials, 2023, 442, 130118.	6.5	7
15	Sediment nitrogen contents controlled by microbial community in a eutrophic tributary in Three Gorges Reservoir, China. Environmental Pollution, 2022, 314, 120312.	3.7	6
16	Enhanced anaerobic digestion of waste activated sludge with periodate-based pretreatment. Environmental Science and Ecotechnology, 2023, 13, 100208.	6.7	16
17	Single-cell Raman spectra reveals the cytochrome c-mediated electron transfer in nanoscale zero-valent iron coupled denitrification process. Chemical Engineering Journal, 2023, 454, 140241.	6.6	7
18	Aerobic denitrifying using actinobacterial consortium: Novel denitrifying microbe and its application. Science of the Total Environment, 2023, 859, 160236.	3.9	14

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19	Effects of copper sulfate algaecide on the cell growth, physiological characteristics, the metabolic activity of Microcystis aeruginosa and raw water application. Journal of Hazardous Materials, 2023, 445, 130604.	6.5	12
20	Novel insights into aerobic denitrifying bacterial communities augmented denitrification capacity and mechanisms in lake waters. Science of the Total Environment, 2023, 864, 161011.	3.9	7
21	Nitrogen reduction by aerobic denitrifying fungi isolated from reservoirs using biodegradation materials for electron donor: Capability and adaptability in the lower C/N raw water treatment. Science of the Total Environment, 2023, 864, 161064.	3.9	4
22	Novel Insights into the Mechanisms of Periodate-Based Pretreatment in Enhancing Short-Chain Fatty Acids from Waste Activated Sludge. ACS ES&T Engineering, 2023, 3, 322-334.	3.7	4
23	Plant and microbial communities responded to copper and/or tetracyclines in mycorrhizal enhanced vertical flow constructed wetlands microcosms with Canna indica L.. Journal of Hazardous Materials, 2023, 451, 131114.	6.5	12
24	Reduced sulfide and methane in rising main sewer via calcium peroxide dosing: Insights from microbial physiological characteristics, metabolisms and community traits. Journal of Hazardous Materials, 2023, 451, 131138.	6.5	14
25	Construction of highly dispersed NH2-MIL-101(Fe)/g-C3N4 heterostructure with excellent photocatalytic redox capability. Journal of Environmental Chemical Engineering, 2023, 11, 109663.	3.3	1
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