Chemical removal and selectivity reduction of nitrate fr
iron/activated carbon micro-electrolysis

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Citation Report

#	Article	IF	Citations
1	Zero-valent iron-based technologies for removal of heavy metal(loid)s and organic pollutants from the aquatic environment: Recent advances and perspectives. Journal of Cleaner Production, 2020, 277, 123478.	4.6	82
2	A way out of the alkaline bauxite residue: Synthesizing micro-electrolysis composite material towards the synergistic fenton degradation of high-concentration organic wastewater. Journal of Hazardous Materials, 2020, 400, 123210.	6.5	12
3	Denitrification using permeable reactive barriers with organic substrate or zero-valent iron fillers: controlling mechanisms, challenges, and future perspectives. Environmental Science and Pollution Research, 2021, 28, 21045-21064.	2.7	18
4	Reaction of activated carbon zerovalent iron with pentachlorophenol under anaerobic conditions. Journal of Cleaner Production, 2021, 297, 126748.	4.6	17
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7	Groundwater Nitrate Bioremediation Simulation of In Situ Horizontal Well by Microbial Denitrification Using PHREEQC. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	5
8	A novel ball-milled aluminum-carbon composite for enhanced adsorption and degradation of hexabromocyclododecane. Chemosphere, 2021, 279, 130520.	4.2	15
9	Preparation of Co/Ti electrode by electro-deposition for aqueous nitrate reduction. Journal of Water Reuse and Desalination, 2021, 11, 660-672.	1.2	4
10	Iron-carbon microelectrolysis for wastewater remediation: Preparation, performance and interaction mechanisms. Chemosphere, 2021, 278, 130483.	4.2	43
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15	A critical review of existing mechanisms and strategies to enhance N2 selectivity in groundwater nitrate reduction. Water Research, 2022, 209, 117889.	5.3	31
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18	Pretreatment of Rubber Additives Processing Wastewater by Aluminumâ€“Carbon Micro-Electrolysis Process: Process Optimization and Mechanism Analysis. Water (Switzerland), 2022, 14, 582.	1.2	1

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20	Enhanced nitrate removal and nitrogen-selective conversion mechanism of a combined sponge iron/biochar/manganese sand system. Chemical Engineering Research and Design, 2022, 181, 343-353.	2.7	2
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