

Achieving nitrification and anammox enrichment in a single moving-bed biofilm reactor treating reject water

Zekker, Ivar; Rikmann, Ergo; Tenno, Taavo; Saluste, Anne; Tomingas, Martin; **Menert, Anne**; **Loorits, Liis**; Lemmiksoo, Vallo; Tenno, Toomas Environmental technology 2012 / p. 703-710 : ill <https://pubmed.ncbi.nlm.nih.gov/22629646/>

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Adsorption and kinetics studies of Cr (VI) by graphene oxide and reduced graphene oxide-zinc oxide nanocomposite

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Ameliorating effect of nitrate on nitrite inhibition for denitrifying P-accumulating organisms

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Anaerobic ammonium oxidation process performance with optimum bicarbonate concentration

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Anaeroobse ammoniumläämmastiku oksüdatsiooni protsessi kiirendamine NH₂OH ja N₂H₄-ga

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Anammox enrichment from reject water on blank biofilm carriers and carriers containing nitrifying biomass : operation of two moving bed biofilm reactors (MBBR)

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ANAMMOX-denitrification biomass in microbial fuel cell to enhance the electricity generation and nitrogen removal efficiency

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Comparison of sulfate-reducing and conventional Anammox upflow anaerobic sludge blanket reactors

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Deammonification process start-up after enrichment of anammox microorganisms from reject water in a moving-bed biofilm reactor

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Effect of bicarbonate concentration on Anaerobic ammonium oxidation for efficient autotrophic nitrogen removal

Enhanced anammox-mediated nitrogen removal in bioelectrochemical systems at prolonged negative electrode potentials

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Enhanced efficiency of nitrifying-anammox sequencing batch reactor achieved at low decrease rates of oxidation-reduction potential

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Mainstream-sidestream wastewater switching promotes anammox nitrogen removal rate in organic-rich, low-temperature streams

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Modification of nitrifying biofilm into nitrifying one by combination of increased free ammonia concentrations, lowered HRT and dissolved oxygen concentration

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A pilot study of three-stage biological-chemical treatment of landfill leachate applying continuous ferric sludge reuse in Fenton-like process

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Research of specific nitrite oxidation rate on high surfaced biofilms carriers with free ammonia and temperature variations

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Step-wise temperature decreasing cultivates a biofilm with high nitrogen removal rates at 9°C in short-term anammox biofilm tests

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Sulfate-reducing anaerobic ammonium oxidation as a potential treatment method for high nitrogen-content wastewater

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Sulfate-reducing anaerobic ammonium oxidation as a potential treatment method for high nitrogen-content wastewater

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Sulfate-reducing anammox for sulfate and nitrogen containing wastewaters

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