

**Achieving nitritation 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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Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; Saluste, Anne; Lemmiksoo, Vallo; **Menert, Anne**; Loorits, Liis; Tenno, Taavo AGRO 2011 : 8th IWA International Symposium on Waste Management Problems in Agroindustries : Cesme, Izmir, Turkey, 22-24 June 2011 : proceedings. 2 2011 / p. 827-828 <https://www.tandfonline.com/doi/full/10.1080/09593330.2011.588962>

**Anammox bacteria enrichment and phylogenetic analysis in moving bed biofilm reactors**  
Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; Vabamäe, Pritt; Tomingas, Martin; **Menert, Anne; Loorits, Liis**; Tenno, Taavo Environmental engineering science 2012 / p. 946-950 <https://www.liebertpub.com/doi/abs/10.1089/ees.2011.0146?journalCode=ees>

**Anammox enrichment from reject water on blank biofilm carriers and carriers containing nitrifying biomass : operation of two moving bed biofilm reactors (MBBR)**  
Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; Lemmiksoo, Vallo; **Menert, Anne; Loorits, Liis**; Vabamäe, Pritt; Tomingas, Martin; Tenno, Taavo Biodegradation 2012 / p. 547-560 : ill  
[https://www.researchgate.net/publication/221811952\\_Anammox\\_enrichment\\_from\\_reject\\_water\\_on\\_blank\\_biofilm\\_carriers\\_and\\_carriers\\_containing\\_nitrifying\\_biomass\\_Operation\\_of\\_two\\_moving\\_bed\\_biofilm\\_reactors\\_MBBR](https://www.researchgate.net/publication/221811952_Anammox_enrichment_from_reject_water_on_blank_biofilm_carriers_and_carriers_containing_nitrifying_biomass_Operation_of_two_moving_bed_biofilm_reactors_MBBR)

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

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; Kroon, Kristel; Vabamäe, Pritt; Salo, Erik; Tenno, Taavo; **Loorits, Liis**; Dc Rubin, Sergio S. C.; Vlaeminck, Siegfried E. Environmental Technology (United Kingdom) 2013 / p. 3095 - 3101  
<https://doi.org/10.1080/09593330.2013.803134> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Nitric oxide for anammox recovery in a nitrite-inhibited deammonification system**

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Loorits, Liis**; Kroon, Kristel; Fritze, Hannu; Tuomivirta, Tero; Vabamäe, Pritt; Raudkivi, Markus; Mandel, Anni; Rubin, Sergio S.C.; Tenno, Taavo Environmental Technology (United Kingdom) 2015 / p. 2477 - 2487  
<https://doi.org/10.1080/09593330.2015.1034791> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Nitritating-anammox biomass tolerant to high dissolved oxygen concentration and C/N ratio in treatment of yeast factory wastewater**

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Seiman, Andrus; Loorits, Liis** Environmental technology 2014 / p. 1565-1576 : ill  
<https://doi.org/10.1080/09593330.2013.874492> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Rapid start- up of autotrophic nitrogen removal process after inoculation with microorganisms from yeast factory anaerobic tank**

Zekker, Ivar; Kroon, Kristel; **Pitk, Peep; Loorits, Liis** TÜ ja TTÜ doktorikool "Funktionaalsed materjalid ja tehnoloogiad" 2013 / [1] p. : ill

**Start-up of low-temperature anammox in UASB from mesophilic yeast factory anaerobic tank inoculum**

Zekker, Ivar; Rikmann, Ergo; **Seiman, Andrus; Loorits, Liis** Environmental technology 2015 / p. 214-225 : ill  
<https://doi.org/10.1080/09593330.2014.941946> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Tenno, Toomas; **Menert, Anne**; Loorits, Liis; Tenno, Taavo AGRO 2011 : 8th IWA International Symposium on Waste Management Problems in Agroindustries : Cesme, Izmir, Turkey, 22-24 June 2011 : proceedings. 2 2011 / p. 755-762 [https://www.researchgate.net/publication/348845233\\_Sulfate-reducing\\_anaerobic\\_ammonium\\_oxidation\\_as\\_a\\_potential\\_treatment\\_method\\_for\\_high\\_nitrogen-content\\_wastewater](https://www.researchgate.net/publication/348845233_Sulfate-reducing_anaerobic_ammonium_oxidation_as_a_potential_treatment_method_for_high_nitrogen-content_wastewater)

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Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Tenno, Taavo; **Menert, Anne; Loorits, Liis**; Tenno, Toomas Biodegradation 2012 / p. 509-524 : ill [https://www.researchgate.net/publication/348845233\\_Sulfate-reducing\\_anaerobic\\_ammonium\\_oxidation\\_as\\_a\\_potential\\_treatment\\_method\\_for\\_high\\_nitrogen-content\\_wastewater](https://www.researchgate.net/publication/348845233_Sulfate-reducing_anaerobic_ammonium_oxidation_as_a_potential_treatment_method_for_high_nitrogen-content_wastewater)

**Sulfate-reducing anammox for sulfate and nitrogen containing wastewaters**

Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Tenno, Toomas; **Loorits, Liis**; Vabamäe, Pritt; Mandel, Anni; Raudkivi, Markus; Daija, Laura; Kroon, Kristel; Tenno, Taavo Desalination and Water Treatment 2016 / p. 3132 - 3141  
<https://doi.org/10.1080/19443994.2014.984339> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS