

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/>

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

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>

Anaerobic ammonium oxidation process performance with optimum bicarbonate concentration

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Tomingas, Martin; Kroon, K.; Vabamäe, Priit; Tenno, Taavo Agricultural research : abstract book from the 4th Annual International Symposium on Agricultural Research : 18-21 July 2011, Athens, Greece 2011 / p. 69-71 : ill

Anaeroobse ammoniumlämmastiku oksüdatsiooni protsessi kiirendamine NH₂OH ja N₂H₄-ga

Zekker, Ivar; Kroon, K.; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Tenno, Taavo XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 114 https://www.ester.ee/record=b2679915*est

Anammox bacteria enrichment and phylogenetic analysis in moving bed biofilm reactors

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; Vabamäe, Priit; 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, Priit; 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

Biological treatment of anaerobic digester supernatant by anaerobic ammonium oxidation method in UASB system

Tomingas, Martin; Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Kroon, Kristel; Tenno, Taavo SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 140

Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biological oxidation

Trapido, Marina; Tenno, Taavo; **Goi, Anna**; **Dulova, Niina**; **Kattel, Eneliis**; **Klauson, Deniss**; Klein, Kati; Tenno, Toomas; **Viisimaa, Marika** Journal of water process engineering 2017 / p. 277-282 : ill <https://doi.org/10.1016/j.jwpe.2017.02.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, Priit; 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](#)

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

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Lemmiksoo, Vallo; Kolberg, K.; Tenno, Taavo IWA Specialist Conference Water and Industry : Valladolid, Spain, 1-4 May 2011 : final program 2011 / p. 16

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

Zekker, Ivar; Kivirüüt, Aimar; Rikmann, Ergo; Mandel, Anni; **Jaagura, Madis**; Tenno, Toomas; Artemchuk, Oleg; Rubin, Sergio Dc; Tenno, Taavo Environmental Engineering Science 2019 / p. 350-360 <https://doi.org/10.1089/ees.2018.0225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Inglise-eesti-vene keemia sõnaraamat

1998 https://www.ester.ee/record=b1190326*est

Keemianomenklatuur

Tuulmets, Ants 2000

Leaching of polycyclic aromatic hydrocarbons (PAHs) and heavy metals from the oil shale processing wastes and from waste-based products

Jefimova, Jekaterina 2015 https://www.ester.ee/record=b4474360*est

Modification of nitrifying biofilm into nitrifying one by combination of increased free ammonia concentrations, lowered

HRT and dissolved oxygen concentration

Zekker, Ivar; Rikmann, Ergo; Tenno, Toomas; **Menert, Anne**; Lemmiksoo, Vallo; Saluste, Anne; Tenno, Taavo; Tomingas, Martin
Journal of environmental sciences 2011 / p. 1113-1121 : ill <https://www.sciencedirect.com/science/article/pii/S1001074210605232>

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, Priit; 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](#)

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

Klein, Kati; Kivi, Arthur; **Dulova, Niina**; Zekker, Ivar; Mölder, Erik; Tenno, Toomas; **Trapido, Marina**; Tenno, Taavo Clean technologies and environmental policy 2017 / p. 541-551 : ill <https://doi.org/10.1007/s10098-016-1245-5> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Zekker, Ivar; Tenno, Toomas; Tenno, Taavo; Lemmiksoo, Vallo; Rikmann, Ergo; **Menert, Anne**; Kolberg, K. 3rd EuCheMS Chemistry Congress : Chemistry - the Creative Force : 29.08.-02.09.2010, Nürnberg, Germany : [abstracts] 2010 / [1] p
<https://www.etis.ee/Portal/Publications/Display/e183db0e-18fc-43e3-9bab-bdc76c638e92>

Specific nitrite oxidation rate on high surfaced biofilm carriers dependent on free ammonia and temperature

Zekker, Ivar; Tenno, Toomas; Tenno, Taavo; Lemmiksoo, Vallo; Rikmann, Ergo; **Menert, Anne**; Kolberg, K.; Tomingas, Martin; Kroon, K.; Vabamäe, Priit 2nd Workshop on Bacterial and Fungal Biofilms : Ghent University Center for Sociomicrobiology, 22 September 2011 2011 <https://www.etis.ee/Portal/Publications/Display/33df8771-46e4-46c6-a2da-dbd4efb91a17>

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

Zekker, Ivar; Rikmann, Ergo; Mandel, Anni; Kroon, Kristel; **Seiman, Andrus**; Mikhelson, Jana; Tenno, Taavo; Tenno, Toomas Environmental technology 2016 / p. 1933 - 1946 <https://doi.org/10.1080/09593330.2015.1135995> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sulfate-dependent anaerobic ammonium oxidation in baker's yeast wastewater

Rikmann, Ergo; **Menert, Anne**; **Blonskaja, Viktoria**; Kurissoo, Tõnu; Zub, Sergei; Tenno, Toomas Book of abstracts of the 7th International Conference ORBIT 2010 : Organic Resources in the Carbon Economy : 29th June to 3rd July 2010 Heraklion Crete, Greece 2010 / p. 204 <https://www.sei.org/publications/sulfate-dependent-anaerobic-ammonium-oxidation-bakers-yeast-wastewater/>

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

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

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

Sulfate-reducing anammox for sulfate and nitrogen containing wastewaters

Rikmann, Ergo; Zekker, Ivar; Tomingas, Martin; Tenno, Toomas; **Loorits, Liis**; Vabamäe, Priit; 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](#)

Utilization of oil shale semi-coke - state of art and prospects

Kuusik, Rein, **keemik**; Kana, Aadu; Karp, Kadri; **Martins, Ants**; **Pihu, Tõnu**; Tenno, Toomas; **Triikkel, Andres** International Oil Shale Symposium : Tallinn, Estonia, June 8-11, 2009 : future energy solutions : come and share your vision! 2009 / p. 43-44
http://www.ester.ee/record=b4775098*est

XVII Eesti keemiapäevad : [Tartu : apr.]

Kann, Jüri; Tenno, Toomas Eesti TA Toimetised. Keemia 1996 / 3/4, lk. 87-90