

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>

Ammooniumnitraadi graanulite modifitseerimine lubjakivijahust katendi abil

Klimova, Irina; Kaljuvee, Tiit XXXIII Eesti Keemiapäevad : teaduskonverentsi teesid 2013

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

Appliation of the new catalyst manufactured on the basis of ammonium nitrate in the production of particle boards

Šumigin, Dmitri; Meier, Pille Proceedings of the 5th meeting of the Nordic-Baltic Network in Wood Material Science and Engineering (WSE) : October 1-2, 2009, Copenhagen, Denmark 2009 / p. 147-152 : ill

Coating of ammonium nitrate prills with limestone and dolomite powders

Klimova, Irina; Trubatšenko, Marina; **Kaljuvee, Tiit**; Mikli, Valdek WCPT6 2010 : World Student Congress on Particle Technology : Delft, The Netherlands, April 22-25, 2010 : book of abstracts, conference program 2010 / p. 50 : ill

Diastereoselective [2,3]-sigmatropic rearrangement of N-allyl ammonium ylides

Murre, Aleksandra; Erkman, Kristin; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis Synthesis 2019 / p. 4183–4197 <https://doi.org/10.1055/s-0039-1690185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of rice husk biochar on soil nutrient status, microbial biomass and paddy productivity of nutrient poor agriculture soils

Singh, Chhatrapal; Tiwari, Shashank; **Gupta, Vijai Kumar**; Singh, Jay Shankar Catena 2018 / p. 485 - 493 <https://doi.org/10.1016/j.catena.2018.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

800-Year ice-core record of nitrogen deposition in Svalbard linked to ocean productivity and biogenic emissions

Wendl, Isabel A.; Eichler, Anja; Isaksson, Elisabeth; **Martma, Tõnu**; Schwikowski, Margit Atmospheric Chemistry and Physics 2015 / p. 7287 - 7300 <https://doi.org/10.5194/acp-15-7287-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

Priks, Hans; Zekker, Ivar; Nava, Antonio Ivan Manuelli; Kumar, Rohit; Das, Sovik; **Jaagura, Madis**; Mamun, Faysal-Al; Bhowmick, Gourav Dhar; Tamm, Tarmo; Tenno, Taavo Environmental Science and Pollution Research 2024 / p. 63312 - 63324 <https://doi.org/10.1007/s11356-024-35405-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

Enzymatic ways for desymmetrization of malonic derivatives

Murre, Aleksandra; Erkman, Kristin; Kanger, Tõnis GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 64 : ill <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Heating rate effect on the thermal behavior of ammonium nitrate and its blends with limestone and dolomite

Kaljuvee, Tiit; Rudjak, Irina; **Edro, Evelin**; **Trikkel, Andres** Journal of thermal analysis and calorimetry 2009 / p. 215-221 : ill <https://akjournals.com/view/journals/10973/97/1/article-p215.xml>

Heating rate effect on the thermal behaviour of ammonium nitrate and its blends with limestone and dolomite

Kaljuvee, Tiit; **Edro, Evelin**; **Trikkel, Andres** 14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14-18, 2008, Sao Pedro, Brazil 2008 / p. H-02 [CD-ROM]

Influence of lime-containing additives on the thermal behaviour of ammonium nitrate

Kaljuvee, Tiit; **Edro, Evelin**; **Kuusik, Rein**, **keemik** Journal of thermal analysis and calorimetry 2008 / 1, p. 215-221 : ill

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Türn, Leo; **Bender, Villem**; **Trikkel, Andres**; **Kuusik, Rein**, **keemik** Journal of thermal analysis and calorimetry 2011 / p. 13-26

Interactions of ammonium nitrate with different additives : thermodynamic analysis

Klimova, Irina; Kaljuvee, Tiit; Türn, Leo; **Trikkel, Andres**; **Kuusik, Rein**, **keemik** Program & abstracts of 21st IUPAC International

Lubjakivi-dolomiidi lisandite mõju ammooniumnitraadi termilisele käitumisele

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 46-47

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

Zekker, Ivar; Raudkivi, Markus; Artemchuk, Oleg; Rikmann, Ergo; Priks, Hans; **Jaagura, Madis**; Tenno, Taavo Environmental technology 2021 / 10 p. : ill <https://doi.org/10.1080/09593330.2020.1721566> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A metabolic study of insect cells in batch and continuous culture : application of chemostat and turbidostat to the production of recombinant proteins

Drews, Monika 1999 http://www.ester.ee/record=b1055103*est

Modification of ammonium nitrate fertilizer = Ammooniumnitraatväetise modifitseerimine

Klimova, Irina 2014 https://www.ester.ee/record=b4432999*est

Monitoring of the evolved gases by FTIR spectroscopy in apatite-ammonium sulfate thermal reactions

Tõnsuaadu, Kaia; Pelt, Jaan; **Borissova, Maria** ICTAC 13 : 13th International Congress on Thermal Analysis and Calorimetry : XXVI Conference AICAT-GICAT : Chia Laguna, September 12-19, 2004 : book of abstracts 2004 / p. 357

Monitoring of the evolved gases in apatite-ammonium sulfate thermal reactions

Tõnsuaadu, Kaia; Pelt, Jaan; **Borissova, Maria** Journal of thermal analysis and calorimetry 2005 / p. 655-658

N-allüülammooniumüliidide Stevensi [2,3]-ümberasetusreaktsioon

Murre, Aleksandra; Erkman, Kristin; Kanger, Tõnis XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 29 : ill https://www.ester.ee/record=b5208044*est

Nitrate, ammonium and phosphate pools in the Baltic Sea

Kõuts, Mariliis; Maljutenko, Ilja; Liu, Ye; Raudsepp, Urmas Journal of operational oceanography 2021 / p. s37-s48 : ill., map <https://doi.org/10.1080/1755876X.2021.1946240>

Obtaining various grades of NPK fertilizers from ammonium phosphate and urea with addition of micronutrients

Aasamäe, Ernst; Arumeel, Edgar; Einard, Marve Proceedings of the Estonian Academy of Sciences. Chemistry 1992 / 4, p. 164-170

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 "Funktsionaalsed materjalid ja tehnoloogiad" 2013 / [1] p. : ill

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

Synthesis and antibacterial properties of lignin-based amino and quaternary ammonium surfactants

Kothottil Mohan, Mahendra; Duvanova, Ella; Lukk, Tiit; Karpichev, Yevgen 5th International Caparica Symposium on Nanoparticles, Nanomaterials and Applications 2022 : book of abstracts 2022 / p. 208

Synthesis and antibacterial properties of lignin-based quaternary ammonium and phosphonium salts

Mohan, Mahendra Kothottil; Kaur, Harleen; Duvanova, Ella; Rosenberg, Merilin; Dahlem, Marcos; Ivask, Angela; Raimundo, Jean-Manuel; Lukk, Tiit; Karpichev, Yevgen International Conference EcoBalt 2023 "Chemicals&Environment" 2023 / 2 p. <https://doi.org/10.3390/proceedings2023092058>

Synthesis and antibacterial properties of novel quaternary ammonium lignins

Mohan, Mahendra Kothottil; Kaur, Harleen; Rosenberg, Merilin; Duvanova, Ella; Lukk, Tiit; Ivask, Angela; Karpichev, Yevgen ACS omega 2024 / p. 39134-39145 : ill <https://doi.org/10.1021/acsomega.4c06000> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of lime-containing additives on the thermal behaviour of ammonium nitrate

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Book of abstracts : MEDICTA 2007 : the 8th Mediterranean Conference on Calorimetry and Thermal Analysis : September 25th - September 29th, 2007, Palermo, Italy 2007 / p. 210

Thermal behaviour of ammonium nitrate prills coated with limestone and dolomite powder

Rudjak, Irina; Kaljuvee, Tiit; Trikkel, Andres; Mikli, Valdek Journal of thermal analysis and calorimetry 2010 / p. 749-754 : ill
https://www.researchgate.net/publication/243958679_Thermal_behaviour_of_ammonium_nitrate_prills_coated_with_limestone_and_dolomite_powder

Thermal reactions in synthetic apatite-ammonium sulfate mixture

Tõnsuaadu, Kaia; Borissova, Maria; Bender, Villem; Pelt, Jaan Phosphorus, sulfur and silicon and the related elements 2004 / 11, p. 2395-2407

Thermochemical investigations of natural phosphate with ammonium sulphate additive

Petkova, Vilma; Pelovski, Y.; Dombalov, I.; **Tõnsuaadu, Kaia** Journal of thermal analysis and calorimetry 2005 / p. 701-708

Thermochemical investigations of natural phosphate with ammonium sulphate additive

Petchova, V.; Pelovski, Y.; Dombalov, I.; **Tõnsuaadu, Kaia** ICTAC 13 : 13th International Congress on Thermal Analysis and Calorimetry : XXVI Conference AICAT-GICAT : Chia Laguna, September 12-19, 2004 : book of abstracts 2004 / p. P2-105A
https://www.researchgate.net/publication/243957255_Thermochemical_investigations_of_natural_phosphate_with_ammonium_sulfate_additive

Upgrading the crush strenght of ammonium nitrate prills by coating with limestone or dolomite powder

Klimova, Irina; Mikli, Valdek; Kaljuvee, Tiit 6th International Granulation Workshop : Granulation Conference, Sheffield, UK, 26th-28th June 2013 2013 / p. 102

Изследване на термичното разлагане на механоактивирани смеси от Естонски фосфорит и амониев сулфат

Петкова, В.; **Tõnsuaadu, Kaia; Kuusik, Rein, keemik;** Пеловски, Й.; Домбалов, И.; Петров, Л. Дванадесета научно-технологична сесия Контакт 2003 "Трибология и интердисциплинност" : Трибология 2003 : 30-31 октомври 2003, София 2003 / с. 111-116 : ил

Свободный формальдегид в древесно-полимерных материалах. Сообщение 7, Технологические аспекты обработки древесно-композиционных материалов бикарбонатом аммония

Vares, Toomas; Sillajõe, Aadu; Kaps, Tiit Tallinna Tehnikaülikooli Toimetised 1990 / lk. 68-73

Термотрибохимия на амониев сулфат

Петкова, В.; **Tõnsuaadu, Kaia;** Домбалов, И.; Пеловски, Й.; Петров, Л. Дванадесета научно-технологична сесия Контакт 2003 "Трибология и интердисциплинност" : Трибология 2003 : 30-31 октомври 2003, София 2003 / с. 117-120 : ил