

The Acidity of Weak NH Acids : Expanding the pKa Scale in Acetonitrile

Lõkov, Märt; Kesküla, Carmen; Tshepelevitsh, Sofja; Pikma, Marta-Lisette; Saame, Jaan; Trubitsõn, Dmitri; Kanger, Tõnis; Leito, Ivo ACS Organic & Inorganic Au 2025 / p. 144–155 <https://doi.org/10.1021/acsorginorgau.4c00095>

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

Zekker, Ivar; Mandel, Anni; Rikmann, Ergo; Jaagura, Madis; Salmar, Siim; Ghangrekar, Makarand Madhao; Tenno, Taavo Science of the total environment 2021 / art. 149133, 10 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.149133> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ammoniakaalse lämmastiku määramisest gaasifaasis elektrokeemilise NH₃-anduriga

Arulepp, M.; Kender, T.; Loodmaa, V.; Tenno, T. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 17

Applicability of Copernicus marine service products for the eutrophication status assessment of the Baltic Sea

Samlas, Oliver; Luik, Stella-Theresa; Korabel, Vasily; She, Jun; Lips, Urmas Marine Pollution Bulletin 2025 / art. 117975 <https://doi.org/10.1016/j.marpolbul.2025.117975>

Atmospheric forcing controlling inter-annual nutrient dynamics in the open Gulf of Finland

Lehtoranta, Jouni; Savchuk, Oleg P.; Elken, Jüri Journal of marine systems 2017 / p. 4-20 : ill <https://doi.org/10.1016/j.jmarsys.2017.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

C/N ratio and carbon source-dependent lipid production profiling in *Rhodotorula toruloides*

Lopes, Helberth Júnior Santos; Bonturi, Nemailla; Kerkhoven, Eduard Johannes; Miranda, Everson Alves; Lahtvee, Petri-Jaan Applied Microbiology and Biotechnology 2020 / p. 2639 - 2649 <https://doi.org/10.1007/s00253-020-10386-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in nutrient emissions, fluxes and retention in a North-Eastern European lowland drainage basin

Mourad, Daniel S.J.; Perk, Marcel van der; Piirimäe, Kristjan Environmental monitoring and assessment 2006 / 1, p. 415-448 : ill <https://link.springer.com/content/pdf/10.1007/s10661-005-9071-y.pdf>

Characterisation of samarium and nitrogen co-doped TiO₂ films prepared by chemical spray pyrolysis

Oja Acik, Ilona; Kiisk, Valter; Krunks, Malle; Sildos, Ilmo; Junolainen, Agne; Danilson, Mati; Mere, Arvo; Mikli, Valdek Applied surface science 2012 / p. 735-741 : ill

Characterization of samarium and nitrogen doped TiO₂ films prepared by spray pyrolysis

Oja Acik, Ilona; Junolainen, Agne; Kiisk, Valter; Sildos, Ilmo; Danilson, Mati; Krunks, Malle EMRS-2010 Spring Meeting : Strasbourg, France, June 7-11 : program and book of abstracts. Symposion K 2010 / p. 4

Climate change and the potential effects on runoff and nitrogen losses in the Nordic–Baltic region

Oygarden, Lillian; Deelstra, Johannes; Iital, Arvo Agriculture, ecosystems and environment 2014 / p. 114-126 : ill <https://doi.org/10.1016/j.agee.2014.06.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparison of two one-dimensional nitrogen leaching models at the watershed scale

Vassiljev, Anatoli Environmental engineering science 2006 / 1, p. 225-229 : ill <https://www.liebertpub.com/doi/10.1089/ees.2006.23.225>

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](#)

Doktoritöö: Läänemere viisaastakuplaaniga puhastamine on naiivne

Harrik, Airika novaator.err.ee 2023 [Doktoritöö: Läänemere viisaastakuplaaniga puhastamine on naiivne](#)

A dual-porosity model for nitrogen leaching from a watershed

Vassiljev, Anatoli; Grimvall, A.; Larson, M. Hydrological sciences journal 2004 / p. 313-322 <https://doi.org/10.1623/hysj.49.2.313.34836>

Eesti põlevkiviteaduse grand old lady: põlevkivi ei saa kivisöega samasse patta panna [Võrguväljaanne]

arileht.delfi.ee 2021 ["Eesti põlevkiviteaduse grand old lady: põlevkivi ei saa kivisöega samasse patta panna"](#)

Eestis ja Lätis loodusesse jõudnud lämmastikuvood mõõdeti ära

Imeline Teadus 2019 / lk. 21 : fot https://www.ester.ee/record=b2747925*est

The effects of clear-cut on net nitrogen mineralization and nitrogen losses in a grey alder stand

Becker, Hardo; Uri, Veiko; Aosaar, Jürgen; Varik, Mats; Mander, Ülo; Soosaar, Kaido; Hansen, Raili; Teemusk, Alar; Morozov, Gunnar; Kutti, Sander; Lõhmus, Krista Ecological Engineering 2015 / p. Elsevier <https://doi.org/10.1016/j.ecoleng.2015.10.006> [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 Manuell; 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](#)

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](#)

Estimation of the share of total nutrient load from the territory of Estonia along the Narva river to the Baltic Sea

Reihan, Alvina; Roosalu, Kati Proceedings 2023 / art. 44 <https://doi.org/10.3390/proceedings2023092044>

Exploring different synthesis parameters for the preparation of metal-nitrogen-carbon type oxygen reduction catalysts

Teppor, Patrick; Jäger, Rutha; Härk, Eneli; Sepp, Silver; Kook, Mati; **Volobujeva, Olga**; Paiste, Pääm; Kochovski, Zdravko; Tallo, Indre; Lust, Enn Journal of the Electrochemical Society 2020 / art. 054513 <https://doi.org/10.1149/1945-7111/ab7093> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fabrication of novel metal, nitrogen co-doped carbon materials based on a unique organic ligand = Uue orgaanilise ligandi kasutuselevõtt metalli ja lämmastikuga rikastatud süsinikmaterjalide sünteesimiseks

Alam, Mahboob 2022 <https://doi.org/10.23658/taltech.59/2022> <https://digikogu.taltech.ee/et/Item/c29cf2b3-8776-47b8-82dc-3eb33cb56941> https://www.ester.ee/record=b5524927*est

Fosforin ja typen poisto pitkäilmastusprosessissa

Ennet, Peeter Vesitalous 1980 / lk. 26-28 : ill https://www.ester.ee/record=b1202641*est

Harjumaa reovee fosforiga saaks väetada suurema osa maakonna põldudest [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2020 / fot [Harjumaa reovee fosforiga saaks väetada suurema osa maakonna põldudest](#)

Highly active wood-derived nitrogen-doped carbon catalyst for the oxygen reduction reaction

Kaare, Kätlin; Yu, Eric; Volperts, Aleksandrs; Dobeles, Galina; Zhurinsk, Aivars; Dyck, Alexaner; Niaura, Gediminas; Tamasiunaite-Loreta, Loreta; Norkus, Eugenijus; Andrulevičius, Mindaugas; **Danilson, Mati**; Kruusenberg, Ivar ACS omega 2020 / p. 23578-23587 : ill <https://doi.org/10.1021/acsomega.0c01974> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human impacts and their interactions in the Baltic Sea region

Reckermann, Marcus; Omstedt, Anders; **Soomere, Tarmo**; Aigars, Juris; Akhtar, Naveed; Beldowska, Magdalena; Beldowski, Jacek; Cronin, Tom; Czub, Michal; **Eero, Margit**; **Parnell, Kevin Ellis**; **Poska, Anneli** 4th Baltic Earth Conference Assessing the Baltic Sea Earth System : Jastarnia, Hel Peninsula, Poland, 30 May to 3 June 2022 : Conference Proceedings 2022 / p. 140-141 https://baltic.earth/imperia/md/assets/baltic_earth/baltic_earth/baltic_earth/4bec_proceedings_web.pdf

Hydrological pathways and nitrogen runoff in agricultural dominated catchments in Nordic and Baltic countries

Deelstra, Johannes; **lital, Arvo**; Povilaitis, Arvydas; Kyllmar, Katarina; Greipsland, Inga; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Lagzdins, Ainis Agriculture, ecosystems and environment 2014 / p. 211-219 : ill <https://doi.org/10.1016/j.agee.2014.06.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Identification of active sites for oxygen reduction reaction on nitrogen- and sulfur-codoped carbon catalysts

Villemson, Karl Markus; **Kaare, Kätlin**; Raudsepp, Ragle; Käämbre, Tanel; Šmits, Krišjānis; Wang, Pangpang; Kuzmin, Anton V.; Šutka, Andris; Shaiyan, Bagrat A.; Kruusenberg, Ivar Journal of physical chemistry C 2019 / p. 16065-16074 <https://doi.org/10.1021/acs.jpcc.9b00117>

Impact of ship-borne nitrogen deposition on the Gulf of Finland ecosystem : an evaluation

Raudsepp, Urmas; Laanemets, Jaan; Maljutenko, Ilja; Hongisto, Marke; Jalkanen, Jukka-Pekka Oceanologia 2013 / p. 837 - 857 <https://doi.org/10.5697/oc.55-4.837> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Introduction : nitrogen losses from agriculture in the Baltic Sea region

Stalacke, Per; Bechmann, Marianne; lital, Arvo Agriculture, ecosystems & environment 2014 / p. 1-3 <https://doi.org/10.1016/j.agee.2014.07.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigation of possible nutrient sources in Estonian rivers

Vassiljev, Anatoli; Margus, Gertu; Annus, Ivar; Stalnacke, Per Procedia engineering 2016 / p. 188-195 : ill
<https://doi.org/10.1016/j.proeng.2016.11.038> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Is the destabilisation of Lake Peipsi ecosystem caused by increased phosphorus loading or decreased nitrogen loading?

Nõges, Tiina; Laugaste, Reet; Loigu, Enn; Nedogarko, I.; Skakalski, Boris; Nõges, Peeter Water science & technology Water science and technology 2005 / 3/4, p. 267-274 : ill

Long-term monitoring of nutrient losses from agricultural catchments in the Nordic–Baltic region – a discussion of methods, uncertainties and future needs

Kyllmar, Katarina; Bechmann, Marianne; Deelstra, Johannes; lital, Arvo; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Povilaitis, Arvydas Agriculture, ecosystems and environment 2014 / p. 4-12 : ill <https://doi.org/10.1016/j.agee.2014.07.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lämmastik ja fosfor - mida jõgede vesi meile kõneleb?

lital, Arvo loodusajakiri.ee 2023 / Lk. 26-28 <https://dea.digar.ee/article/AKeestiloodus/2023/07/0/14.1> <https://www.loodusajakiri.ee/lammastik-ja-fosfor-mida-jogede-vesi-meile-koneleb/>

Lämmastik keskkonnas - liiga palju head asja

lital, Arvo Postimees 2019 / lk. 16-17 [Inimmõju lämmastikuringele tuleb vähendada](#)

Lämmastiku- ja fosforiärastus reovee aktiivmudapuhastuses

Mölder, Heino; Sökk, Olev Keskkonnatehnika 2002 / 2, lk. 16 https://artiklid.elnet.ee/record=b1009393*est

Läänemeri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt lõivu

Velleste, Eget LP : Eesti Päevaleht 2021 <https://dea.digar.ee/article/lp/2021/04/16/23.1>

Läänemeri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt lõivu [Võrguväljaanne]

Velleste, Eget epl.delfi.ee 2021 "[Läänemeri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt lõivu](#) "

Measurement of ammonia in air with electrochemical NH₃-sensor

Arulepp, M.; Kender, T.; Loodmaa, V.; Tenno, T. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 17

Mitigating diffuse nitrogen losses in the Nordic-Baltic countries

Andersen, Hans Estrup; Blicher-Mathiesen, Gitte; Bechmann, Marianne; Povilaitis, Arvydas; lital, Arvo; Lagzdins, Ainis; Kyllmar, Katarina Agriculture, ecosystems and environment 2014 / p. 53-60 : ill <https://doi.org/10.1016/j.agee.2014.05.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

M–N–C materials as heterogeneous catalysts for organic transformations

Ping, Kefeng; Bhadoria, Rohit; Starkov, Pavel; Kongi, Nadezda Coordination Chemistry Reviews 2023 / art. 215412
<https://doi.org/10.1016/j.ccr.2023.215412> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modeling of nitrogen leaching from a watershed

Vassiljev, Anatoli Proc. 8th IWA International Conference on Diffuse/Nonpoint Pollution : 24-29 Oct. 2004, Kyoto, Japan 2004 / p. 235-240

Modeling of the water flow and quality in rivers

Vassiljev, Anatoli; Grimvall, Anders; Larsson, Martin "Environmental Impact and Water Management in a Catchment Area Perspective" : 24-26 September, 2001, Tallinn, Estonia : proceedings of the Symposium dedicated to the 40th Anniversary of Institute of Environmental Engineering at Tallinn Technical University 2001 / p. 94-102 : ill

Modelling of nitrogen leaching from watersheds with large drained peat areas

Vassiljev, Anatoli; Kaur, Katrin; Annus, Ivar Advances in engineering software 2018 / p. 94-100 : ill
<https://doi.org/10.1016/j.advengsoft.2018.03.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrate stable isotopes and major ions in snow and ice samples from four Svalbard sites

Vega, Carmen P.; Björkman, Mats P.; Pohjola, Veijo A.; Isaksson, Elisabeth; Pettersson, Rickard; Martma, Tõnu; Marca, Alina; Kaiser, Jan Polar Research 2015 / art. 23246 <https://doi.org/10.3402/polar.v34.23246> [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, 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](#)

Nitrogen and phosphorus discharges from cargo ships' black and grey waters — a case study of a Baltic Sea port
Lappalainen, Suvi-Tuuli; Tapaninen, Ulla Pirita; Kotta, Jonne Oceans 2024 / p. 560–570 <https://doi.org/10.3390/oceans5030032>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen and phosphorus losses in Nordic and Baltic agricultural monitoring catchments-Spatial and temporal variations in relation to natural conditions and mitigation programmes

Kyllmar, Katarina; Bechmann, Marianne; Blicher-Mathiesen, Gitte; Fischer, Franziska Katharina; Folster, Jens; **lital, Arvo**; Lagzdins, Ainis; Povilaitis, Arvydas; Rankinen, Katri CATENA 2023 / art. 107205 <https://doi.org/10.1016/j.catena.2023.107205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen application, balances and their effect on water quality in small catchments in the Nordic–Baltic countries

Bechmann, Marianne; Blicher-Mathiesen, Gitte; Kyllmar, Katarina; **lital, Arvo**; Lagzdins, Ainis; Salo, Tapio Agriculture, ecosystems and environment 2014 / p. 104–113 : ill <https://doi.org/10.1016/j.agee.2014.04.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen availability and utilisation of oligopeptides by yeast in industrial scotch grain whisky fermentation

Berg, Hidde Yael; Arju, Georg; **Nisamedtinov, Ildar** Journal of the American Society of Brewing Chemists 2025 / p. 88–100 : ill <https://doi.org/10.1080/03610470.2024.2389608>

Nitrogen balance in a small watershed : an 8-year case study

Tamm, T.; Kuldkepp, Paul; **Loigu, Enn** Proceedings of NJF's 22nd Congress "Nordic Agriculture in Global Perspective" : July 1–4, 2003, Turku, Finland 2003 / p. 123

Nitrogen content and trends in agricultural catchments in Estonia

lital, Arvo; Klõga, Marija; Pihlak, Margus; Pachel, Karin; Zahharov, Andre; **Loigu, Enn** Agriculture, ecosystems and environment 2014 / p. 44–53 : ill <https://doi.org/10.1016/j.agee.2014.03.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen isotopes in kukersite and black shale implying Ordovician-Silurian seawater redox conditions

Kiipli, Enli; Kiipli, Tarmo Oil shale 2013 / p. 60–75 : ill https://artiklid.elnet.ee/record=b2604253*est <https://doi.org/10.3176/oil.2013.1.06>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Nitrogen source apportionment - a comparison between a dynamic and a statistical model

Liden, R.; **Vassiljev, Anatoli**; Staltnacke, Per; **Loigu, Enn**; Wittgren, H.B. Ecological modelling 1999 / p. 235–250: ill <https://www.sciencedirect.com/science/article/abs/pii/S030438009800146X>

Nitrogen surface water retention in the Baltic Sea drainage basin

Staltnacke, Per; Pengerud, Annelene; **Vassiljev, Anatoli** Hydrology and earth system sciences 2015 / p. 981–996 : ill <https://doi.org/10.5194/hess-19-981-2015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oligopeptides as a nitrogen source for Saccharomyces cerevisiae in industrial fermentations : a study to oligopeptide uptake and transporter function in practical applications = Oligopeptiidid Saccharomyces cerevisiae lämmastikuallikana tööstuslikes kääritusprotsessides : uuring oligopeptiidide omastamisest ja peptiidide transporterite funktsioonidest praktilistes rakendustes

Berg, Hidde Yael 2024 https://www.ester.ee/record=b5712266*est <https://digikogu.taltech.ee/et/Item/91602f4e-a430-4654-9aac-0935c78efdb9> <https://doi.org/10.23658/taltech.69/2024>

Organics and nitrogen removal from phenolic wastewater with combined treatment

Kamenev, Inna; Viiraja, Andres; Munter, Rein; Kallas, Juha Proceedings IWA Specialized Conference "Nutrient Management in Wastewater Treatment Processes and Recycle Streams" : Krakow, Poland, September 19–21, 2005 2005 / p. 1095–1099

Overview of water quality problems in Estonia with the focus on drained peat areas as a source of nitrogen

Vassiljev, Anatoli; Blinova, Irina Understanding Freshwater Quality Problems in a Changing World : [proceedings] 2013 / p. 69–76 : ill

Phase transformations in porous materials studied by in situ solid-state NMR spectroscopy and in situ X-ray diffraction

Paula, Carolin; Wissner, Dorothea; Rangus, Mojca; **Vanatalu, Kalju; Oss, Andres; Org, Mai-Liis; Samoson, Ago**; Hartmann, M. The journal of physical chemistry C 2020 / p. 19136–19145 : ill <https://doi.org/10.1021/acs.jpcc.0c05921> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phosphorus and nitrogen removal from municipal wastewater in the case of low content of pollutants

Blonskaja, Viktoria; Mölder, Heino International Conference "Advanced Wastewater Treatment, Recycling and Reuse", Milan, 14–16 September, 1998 1998 / p. 975–978

Reaction of large and shallow lakes Peipsi and Võrtsjärv to the changes of nutrient loading

Nõges, Tiina; Järvet, Arvo; Kisand, Anu; Laugaste, Reet; **Loigu, Enn**; Skakalski, Boris; Nõges, Peeter Hydrobiologia 2007 / p. 253–264 <https://link.springer.com/article/10.1007/s10750-007-0603-z>

A reactive nitrogen budget for forest land and wetlands in Latvia and Estonia

Bardule, Arta; **lital, Arvo**; Lazdiņa, Dagnija; Karkliņa, Ilze; Libiete, Zane Scandinavian journal of forest research 2020 / p. 513–522
<https://doi.org/10.1080/02827581.2020.1825788> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal mettrics at WOS](#) [Article at WOS](#)

Reduced nitrogen loading enhance cyanobacterial blooms in Lake Peipsi

Nõges, Tiina; **Blinova, Irina**; Jastremski, V.; Laugaste, Reet; **Loigu, Enn**; Skakalski, Boris; Tõnno, Ilmar Sustainable Management of Transboundary Waters in Europe. Convention of the Protection and use of Transboundary Watercourses and International Lakes, Poland, Miedzydroje, 2003 2003 / p. 501-504

Reduced nitrogen loading enhance cyanobacterial blooms in Lake Peipsi

Nõges, Tiina; **Blinova, Irina**; Jastremski, V.; Laugaste, Reet; **Loigu, Enn**; Skakalski, Boris; Tõnno, Ilmar Second International Conference : Suitainable Management of Transboundary Waters in Europe 2002 / p. 397-416

Reoveepuhastuse analüüsimeetodeid : lisa 4

Kõrgmaa, Vallo; **Lember, Erki**; Kivirüüt, Aimar; Tenno, Taavo Reoveepuhastuse käsiraamat 2023 / lk. 739-749
<https://lifecleanest.ee/sites/cleanest/files/2023-10/>

Reprint of "Hydrological pathways and nitrogen runoff in agricultural dominated catchments in Nordic and Baltic countries"

Deelstra, Johannes; **lital, Arvo**; Povilaitis, Arvydas; Kyllmar, Katarina; Greipsland, Inga; Blicher-Mathiesen, Gitte; Jansons, Viesturs; Koskiaho, Jari; Lagzdins, Ainis Agriculture, ecosystems and environment 2014 / p. 65-73 : ill <https://doi.org/10.1016/j.agee.2014.06.032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reprint of "Mitigating diffuse nitrogen losses in the Nordic-Baltic countries"

Andersen, Hans Estrup; Blicher-Mathiesen, Gitte; Bechmann, Marianne; Povilaitis, Arvydas; **lital, Arvo**; Lagzdins, Ainis; Kyllmar, Katarina Agriculture, ecosystems and environment 2014 / p. 127-134 : ill <https://doi.org/10.1016/j.agee.2014.05.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Scenarios for reduction of nutrient load from point sources in Estonia

Pachel, Karin; Klõga, Marija; lital, Arvo Hydrology research 2012 / p. 374-382 <https://iwaponline.com/hr/article/43/4/374/978/Scenarios-for-reduction-of-nutrient-load-from>

Shungite-derived graphene as a carbon support for bifunctional oxygen electrocatalysts

Kazimova, Nargiz; **Ping, Kefeng; Alam, Mahboob; Danilson, Mati**; Merisalu, Maido; Aruväli, Jaan; Paiste, Päärn; Käärik, Maike; **Mikli, Valdek**; Leis, Jaan; Tammeveski, Kaido; **Starkov, Pavel**; Kongi, Nadežda Journal of catalysis 2021 / p. 178–187
<https://doi.org/10.1016/j.jcat.2021.01.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simulations of graphene nanoribbon field effect transistor for the detection of propane and butane gases : a first principles study

Rashid, Muhammad Haroon; Koel, Ants; Rang, Toomas Nanomaterials 2020 / art. 98 <https://doi.org/10.3390/nano10010098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Simultaneous utilization of ammonia, free amino acids and peptides during fermentative growth of Saccharomyces cerevisiae

Kevvai, Kaspar; Kütt, Mary-Liis; Nisamedtinov, Ildar; Paalme, Toomas Journal of the Institute of Brewing 2016 / p. 110-115 : ill <https://doi.org/10.1002/jib.298> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Source apportionment of nitrogen and phosphorus influencing the water quality in the Lake Peipsi basin

Vassiljev, Anatoli; Stalnacke, Per Abstract volume from VI Russian Hydrological Congress (28 Sept. - 1 Oct. 2004). 4 2004 / p. 5-6

Source apportionment of nitrogen in Estonian rivers

Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Stalnacke, Per Journal of water supply : research and technology - AQUA 2017 / p. 469-480 <https://doi.org/10.2166/aqua.2017.036>

Statistical modelling of riverine nutrient sources and retention in the Lake Peipsi drainage basin

Vassiljev, Anatoli; Stalnacke, Per Diffuse Pollution and Basin Management : proceedings of the 7th IWA International Conference : 18th to 22nd August 2003, Dublin 2003 / p. 10-41 - 10-46 : ill <https://pubmed.ncbi.nlm.nih.gov/15850204/>

A study on the nitrogen metabolism in cultured Sf-9 insect cells using 15N-labeled substrates and 1H/15N NMR spectroscopy

Drews, Monika; Doverskog, M.; Öhman, L.; Jakobson, U.; Kuchel, P.; Häggström, L. Animal Cell Technology : New Development - New Applications : abstracts of 15th ESACT Meeting, Val-de-Loire, France, Sept. 7-11, 1997 1997 / p. 8.P9

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

Temporal trends in nitrogen concentrations and losses from agricultural catchments in the Nordic and Baltic countries

Stalnacke, Per; Aakeroy, Paul Andreas; **lital, Arvo** Agriculture, ecosystems and environment 2014 / p. 94-103 : ill

<https://doi.org/10.1016/j.agee.2014.03.028> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Temporal trends in nitrogen concentrations in Estonian rivers

Klõga, Marija; Maharjan, Bharat Journal of water security 2015 / p. 37-45 : ill

The flashiness index and transport/retention of nutrients and suspended solids

Deelstra, Johannes; **lital, Arvo** NJF Seminar 373 : Transport and Retention of Pollutants from Different Production Systems : Tartu, Estonia, 11-14 June 2006 2006 / p. 62-69 : ill., map https://artiklid.elnet.ee/record=b2645417*est

The intensification of removal of nitrogen and phosphorus from wastewater of Tallinn

Blonskaja, Viktoria; Mölder, Heino Theses of the reports of the VIII Symposium Concerning the Problems of Waterbodies Water Quality, Tallinn, Oct. 23-25, 1990 1990 / p. 14-16

Typen ja fosforin huuhtoutuminen viljelymailta pieniin jokivesistöihin = Washing out of nitrogen and phosphorus compounds from cultivated fields to river systems

Velner, Harald-Adam; Loigu, Enn Voimaperäisen peltotalouden ja karjanhoidon hajakuormitusten vaikutus vesivaroihin 1980 / s. 18-27

Use of nonlinear regression for estimating emission of nitrogen to Estonian rivers

Vassiljev, Anatoli; Annus, Ivar; Kaur, Katrin; Kändler, Nils Ecology & safety 2017 / p. 33-40 : ill <https://www.scientific-publications.net/en/article/1001351/>

Use of two one-dimensional models, describing leach[i]ng of nitrogen, on watershed scale

Vassiljev, Anatoli; Blinova, Irina XXII Nordic Hydrological Conference : Roros, Norway 4-7 August 2002. Vol. I 2002 / p. 249-258 : ill

Using machine learning methodology to model nutrient discharges from ports: a case study of a fertilizer terminal

Lappalainen, Suvi-Tuuli; Kotta, Jonne; Tombak, Mari-Liis; Tapaninen, Ulla Pirta Journal of marine science and engineering 2024 / 12 p., ill <https://doi.org/10.3390/jmse12010143> <https://www.mdpi.com/2077-1312/12/1/143> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Väävli ja lämmastiku atmosfäärne saastekoormus Sõrves 1987-1989. a.

Roots, Ott; Saare, Leo Kaasaegse ökoloogia probleemid : ökoloogia ja energeetika : Eesti V ökoloogiakonverentsi teesid : Tartu, 24.-26. apr. 1991 = Problems of contemporary ecology : ecology and energetics 1991 / lk. 148-150 https://www.ester.ee/record=b1188990*est

Влияние разных источников азотного питания на рост каллусной культуры

Arhangelskaja, Natalja; Abdvahhitova, Alija; Kalda, Astrid; Kreen, Malle Модификация и кинетика гидролитических ферментов 1985 / с. 117-127 : ил https://www.ester.ee/record=b1295006*est <https://digikogu.taltech.ee/et/Item/71eca22a-a8f9-4019-b947-452634e947bf>

Влияние разных источников азотного питания на рост каллусной культуры

Abdvahhitova, Alija; Kreen, Malle; Tuhbatullina, L.; Šamina, Z. Всесоюзная конференция "Новые направления биотехнологии" : (13-15 октября 1986 г., Пушкино) : тезисы докладов 1986 / с. 181-182 https://www.ester.ee/record=b1827832*est

Вынос азота и фосфора с сельскохозяйственных угодий в малые водотоки (на примере Эстонской ССР)

Loigu, Enn; Velner, Harald-Adam Воздействие рассредоточенных нагрузок интенсивного полевого хозяйства и животноводства на водные ресурсы 1980 / с. 45-51

Выращивание плесневого гриба *Asp. cryzae* 3-9-15 на сыворотке

Laos, A.; Kann, Aino XVI студенческая научно-техническая конференция вузов Прибалтики, Белорусской ССР и Калининградской области, посвященная 100-летию со дня рождения В. И. Ленина : 20-25 апреля 1970 г. : (тезисы докладов). Математика, физика и химия 1970 / с. 61 https://www.ester.ee/record=b1379468*est

Интенсификация удаления азота и фосфора из сточных вод г. Таллинна

Blonskaja, Viktoria; Mölder, Heino VIII симпозиум по проблемам качества воды водоемов : тезисы докладов, Таллинн, 23-25 октября 1990 г 1990 / с. 15-16

Исследование обжига и азотнокислотного разложения обожженных фосфоритов Эстонской ССР

Veskimäe, Helgi; Veiderma, Mihkel; Aasamäe, Ernst; Kuusik, Rein; keemik Неорганическая химия и технология. 1 1980 / с. 13-20 : илл https://www.ester.ee/record=b2191026*est <https://digikogu.taltech.ee/et/Item/130509c0-2687-471a-a9f8-1501114a266e>

Исследование образования окислов азота при сжигании содержащего азот жидкого топлива

Ots, Arvo; Jegorov, Dimitri; Saar, Karl Сжигание топлив с минимальными вредными выбросами : тезисы докладов II Всесоюзного научно-технического семинара 1978 / с. 79-80 https://www.ester.ee/record=b1281001*est

Исследование процесса нитрификации при малых концентрациях азота в сточных водах

Mölder, Heino; Blonskaja, Viktoria Неустановившееся движение жидкости в трубах 1980 / с. 119-126 : илл https://www.ester.ee/record=b1263941*est <https://digikogu.taltech.ee/et/Item/aeac2da9-cb51-4746-9dc3-c435104586eb>

О факторах, влияющих на образование окислов из азота топлива

Ots, Arvo; Jegorov, Dimitri; Saar, Karl Исследование работы парогенераторов электростанций 1979 / с. 43-50 : илл https://www.ester.ee/record=b1271273*est <https://digikogu.taltech.ee/et/Item/aa46d054-b6b8-4ad0-bfd6-b9ce1a581794>

Об определении экологических ПДК для минеральных форм азота, фосфора и кремния в водных объектах

Säärekõnno, Jüri Tallinna Tehnikaülikooli Toimetised 1990 / lk. 32-36: ill

Образование окислов азота из азота жидкого топлива

Ots, Arvo; Jegorov, Dimitri; Saar, Karl Исследования проблем работы парогенераторов электростанций 1978 / с. 37-44 : илл https://www.ester.ee/record=b1305007*est <https://digikogu.taltech.ee/et/Item/0b775307-30d6-4b2a-886c-d3671cfebcd6>

Проблемы удаления азотистых соединений из оборотных вод рыбных хозяйств

Mölder, Heino; Pikkov, Lui Антропогенное эвтрофирование природных вод : (тезисы докладов на Втором всесоюзном совещаний по антропогенному эвтрофированию природных вод), Звенигород, [19-23] дек. 1977 г. : [в 2-х частях] 1977 https://www.ester.ee/record=b2951063*est

Спин-решеточная релаксация ядер азота в жидкостях : автореферат ... кандидата физико-математических наук (056)

Saluvere, Tiit 1971 https://www.ester.ee/record=b1389528*est

Спин-решеточная релаксация ядер азота в жидкостях : (химическая физика 056) : диссертация на соискание ученой степени кандидата физико-математических наук

Saluvere, Tiit 1971 https://www.ester.ee/record=b3040185*est

Удаление азота в малых аэрационных сооружениях

Ennet, P. Неустановившееся движение жидкости в трубах 1980 / с. 111-117 : илл https://www.ester.ee/record=b1263941*est <https://digikogu.taltech.ee/et/Item/aeac2da9-cb51-4746-9dc3-c435104586eb>