

Advanced oxidation of airborne m-xylene in combination of pulsed corona discharge and post-plasma photocatalysis

Altof, Kristen; Krichevskaja, Marina; Preis, Sergei; Bolobajev, Juri Journal of electrostatics 2025 / art. 104104

<https://doi.org/10.1016/j.elstat.2025.104184>

Analysis and quantification of remacrocyclisation of cyclohexylhemicucurbituril homologues

Fomitšenko, Maria; Peterson, Anna; Prigorchenko, Elena; Järving, Ivar; Aav, Riina EuroAnalysis 2015 : 6-10 September 2015, Bordeaux, France 2015

Analysis of organic species in sediments and soil by high performance separation methods = Orgaaniliste ainete analüüs sette ja mulla proovides kõrgefektiivsete lahutusmeetodite abil

Makarõtševa, Natalja 2011 <https://digi.lib.ttu.ee/i/?614>

Analysis of thiodiglycol and its oxidation products in sediments by capillary electrophoresis

Lees, Heidi; Vaher, Merike; Kaljurand, Mihkel ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-55

Assignment of configuration of chiral cyclic compounds by modelled spin-spin couplings and vibrational circular dichroism spectra

Aav, Riina; Suun, Silver; Tamp, Sven; Ausmees, Kerti; Kriis, Kadri; Metsala, Andrus; Peterson, Anna; Öeren, Mario 2nd Polish-Taiwanese Conference : From Molecular Modeling to Nano- and Biotechnology : 26-28 August 2015, Opole, Poland 2015 / [1] p. : ill

Asymmetric organocatalytic Michael addition of cyclopentane-1,2-dione to alkylidene oxindole

Silm, Estelle; Järving, Ivar; Kanger, Tõnis Beilstein Journal of Organic Chemistry 2022 / p. 167-173

<https://doi.org/10.3762/bjoc.18.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic synthesis of spiro-cyclopropyloxindoles

Noole, Artur; Ošeka, Maksim; Malkov, Andrei; Lopp, Margus; Kanger, Tõnis 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Asymmetric synthesis of congested spiro-cyclopentaneoxindoles via an organocatalytic cascade reaction

Noole, Artur; Kanger, Tõnis 248th ACS National Meeting and Exposition : August 10-14, 2014, San Francisco, CA : Chemistry and Global Stewardship 2014 / [1] p. : ill

Authigenesis of biomorphic apatite particles from Benguela upwelling zone sediments off Namibia: The role of organic matter in sedimentary apatite nucleation and growth

Mänd, Kaarel; Kirsimäe, Kalle; Lepland, Aivo; Lumiste, Kaarel Geobiology 2018 / p. 640-658 : ill <https://doi.org/10.1111/gbi.12309>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioaccumulation of toxic organic compounds and their isomers into the organism of seals in Estonian coastal waters

Roots, Ott 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 135

Book review of "Lanthanide metal-organic frameworks"

Borovkov, Victor Frontiers in chemistry 2015 / p. 1-2 : ill <http://dx.doi.org/10.3389/fchem.2015.00050>

Cancer sniffer dogs : how can we translate this peculiarity in laboratory medicine? Results of a pilot study on gastrointestinal cancers

Panebianco, Concetta; Kelman, Edgar; Vene, Kristel; Gioffreda, Domenica; Tavano, Francesca; Vilu, Raivo; Terracciano, Fulvia; Pata, Illar; Adamberg, Kaarel; Andriulli, Angelo; Paziienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p.

138-146 : ill <https://doi.org/10.1515/cclm-2016-1158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Capillary electrophoresis method for determining biomass degradation products and monitoring glucose conversion to 5-hydroxymethylfurfural in ionic liquids

Aid, Tiina; Lopp, Margus; Vaher, Merike ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-23

Characteristic VCD signals of chiral hemicucurbiturils : (all-S)-cycHC[6], (all-R)-cycHC[8] and biotin[6]uril ester

Aav, Riina; Peterson, Anna; Prigorchenko, Elena; Öeren, Mario 10th International Symposium on Macrocyclic and Supramolecular Chemistry : Strasbourg, France, June 28th - July 2nd 2015 2015 / p. PA-1

Chemistry at the surface New organic/mineral hybrid compounds: apatites as chiral ruthenium complexes support

Tõnsuaadu, Kaia Estonian Science Foundation 2006 2007 / p. 39 : phot

Chiral cyclohexylhemicucurbit[n]uril homologues

Shmatova, Elena; Fomitšenko, Maria; Öeren, Mario; Reile, Indrek; Järving, Ivar; Aav, Riina 9th International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC-9) : program and book of abstracts : Shanghai Institute of Organic Chemistry, Shanghai, China, June 7-June 11, 2014 2014 / [1] p. : ill

Chirogenesis in Zinc porphyrins : theoretical evaluation of electronic transitions, controlling structural factors and axial ligation

Osadchuk, Irina; Aav, Riina; Borovkov, Victor; Clot, Eric ChemPhysChem 2021 / p. 1817–1833 : ill

<https://doi.org/10.1002/cphc.202100345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The circadian rhythm of total volatile organic compounds, carbon dioxide, and formaldehyde concentrations and the physical parameters in rooms with and without air-related irritation symptoms

Castagnoli, Emmanuelle; Mikkola, Raimo; **Kurnitski, Jarek;** Salonen, Heidi 14th International Conference on Indoor Air Quality and Climate (Indoor Air 2016) : Ghent, Belgium, 3-8 July 2016. Vol. 5 2016 / p. 2803-2809 : ill

Copper(II)-binding equilibria in human blood

Kirsipuu, Tiina; Zadorožnaja, Anna; **Smirnova, Julia; Friedemann, Merlin;** Plitz, Thomas; **Tõugu, Vello; Palumaa, Peep** Scientific reports 2020 / art. 5686, 10 p. : ill <https://doi.org/10.1038/s41598-020-62560-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cyclohexylhemicucurbit[8]uril - a chiral macrocyclic host for anionic guests

Kaabel, Sandra; Topic, Filip; **Shmatova, Elena; Kudrjašova, Marina;** Kalenius, Elina; Kivijärvi, Lauri; **Aav, Riina;** Rissanen, Kari Acta crystallographica section A : foundations and advances 2015 / p. s475 <http://dx.doi.org/10.1107/S2053273315092992>

Cyclohexylhemicucurbit[8]uril - a chiral macrocyclic host for anionic guests

Kaabel, Sandra; Topic, Filip; **Prigorchenko, Elena; Kudrjašova, Marina;** Kalenius, Elina; Kivijärvi, Lauri; **Aav, Riina;** Rissanen, Kari ECM29 : 29th European Crystallographic Meeting : Young Crystallographers' Satellite Meeting : Rovinj, Croatia, August 23, 2015 : [abstracts] 2015 / [1] p. : ill http://ecm29.ecanews.org/wp-content/uploads/10_Sandra_Kaabel.pdf

Cyclohexylhemicucurbiturils as supramolecular necklace for guest molecule

Prigorchenko, Elena; Öeren, Mario; Kaabel, Sandra; Kruusamägi, Madli; Fomitšenko, Maria; Reile, Indrek; Topic, Filip; Rissanen, Kari; **Aav, Riina** 10th International Symposium on Macrocyclic and Supramolecular Chemistry : Strasbourg, France, June 28th - July 2nd 2015 2015 / p. PB-44

Dearomatization of phenols: electrophilic substitution versus addition and ether formation

Lopušanskaja, Eleana Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmdtk.ut.ee/teesid-2019/>

Designing N-substituted arylhydroxamic acids as catalytic acetylcholinesterase reactivators

Bondar, Denys; **Velihina, Yevheniia; Karpichev, Yevgen** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 16 <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Development of an analysis method for the determination of sulfur mustard hydrolysis and oxidation products in seawater by a portable capillary electrophoresis instrument

Jõul, Piia; Kuhtinskaja, Maria; Kaljurand, Mihkel ITP2015/NoSSS2015 : final program and book of abstracts 2015 / p. P-53

Development of potent microtubule targeting agent by structural simplification of natural diazonamide

Kalnins, Toms; Vitkovska, V.; Kazak, M.; Zelencova-Gopejenko, D.; Ozola, M.; Narvaiss, N.; Makrecka-Kuka, M.; Domračeva, I.; **Konrad, Nele; Aav, Riina** Journal of medicinal chemistry 2024 / p. 9227-9259 <https://doi.org/10.1021/acs.jmedchem.4c00388> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Direct access to multifunctionalized norcamphor scaffolds by asymmetric organocatalytic Diels–Alder reactions

Mose, Rasmus; Jensen, Magnus E.; **Preegel, Gert;** Jorgensen, Karl Anker Angewandte Chemie international edition 2015 / p. 13630-13634 : ill <http://dx.doi.org/10.1002/anie.201507348>

Effect of ozone on photocatalytic oxidation of acetone vapour [Online resource]

Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmdtk.ut.ee/teesid-2019/>

Enantioselective organocatalytic aza-ene-type domino reaction leading to 1,4-dihydropyridines

Noole, Artur; Borissova, Maria; Lopp, Margus; Kanger, Tõnis The journal of organic chemistry 2011 / p. 1538-1545 <https://pubs.acs.org/doi/10.1021/jo200095e>

Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to electrophiles

Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; **Lopp, Margus** 248th ACS National Meeting and Exposition : August 10-14, 2014, San Francisco, CA : Chemistry and Global Stewardship 2014 / [1] p. : ill

Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to electrophiles

Preegel, Gert; Noole, Artur; Kanger, Tõnis; Pehk, Tõnis; **Lopp, Margus** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Enantioselective synthesis of epoxyketones via aerobic oxidation of cyclopropanols

Elek, Gabor Zoltan; **Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry** Open Readings 2017 : 60th International Conference for Students of Physics and Natural Sciences, March 14-17, 2017, Vilnius, Lithuania : programme and abstracts 2017 / p. 140 : ill http://www.openreadings.eu/wp-content/uploads/2017/03/OR2017_abstracts_book.pdf

Ensümaatilise atsüüliülekanade reaktsiooni kasutamine orgaaniliste ühendite sünteesil

Tõugu, Vello XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 145-146

Estimating the toxicities of organic chemicals in activated sludge process

Katritzky, Alan R.; Kasemets, Kalev; Slavov, Svetoslav; Radzvilovits, Maksim; Tamm, Kaido; **Karelson, Mati** Water research 2010 / 8, lk. 2451-2460 : ill

Formation of volatile organic compounds at thermooxidation of solid fossil fuels

Kaljuvee, Tiit; Edro, Evelin; Kuusik, Rein, keemik Oil shale 2007 / 2, p. 117-133 : ill https://artiklid.elnet.ee/record=b2374393*est

Füüsikaliste omaduste kvantitatiivne korrelatsioon ja prognoosimine sõltuvalt aine keemilisest struktuurist : uudne meetod orgaaniliste ühendite tiheduste korrelatsiooniks ja prognoosiks

Perkson, A.; Karelson, Mati XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 103: ill

Gas-phase photocatalytic activity of nanostructured titanium dioxide from flame aerosol synthesis

Jõks, Svetlana; Klauson, Deniss; Kritševskaja, Marina; Preis, Sergei; Qi, Fei; Weber, Alfred; Moiseev, Anna; Deubener, Joachim Applied catalysis B : environmental 2012 / p. 1-9 : ill <https://www.sciencedirect.com/science/article/pii/S0926337311004255>

Gas-phase photocatalytic degradation of VOCs and ozone in continuous multi-section reactor as possible air post-treatment for exhaust from pulsed corona discharge

Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 40 <http://fmdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Gas-phase photocatalytic oxidation of mixtures of refractory organic compounds : through the net of process limitations

Kritševskaja, Marina; Moiseev, Anna; Preis, Sergei; Deubener, Joachim European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : conference program and book of abstracts 2015 / p. 127 : ill

Gas-phase photocatalytic oxidation of mixtures of refractory organic compounds : through the net of process limitations

Kritševskaja, Marina; Moiseev, Anna; Preis, Sergei; Deubener, Joachim European Conference on Environmental Applications of Advanced Oxidation Processes : 21-24 October 2015, Athens, Greece : book of proceedings 2015 / [2] p. : ill

A general approach to the synthesis of 5-S-functionalized pyrimidine nucleosides and their analogues

Kananovich, Dzmitry; Reino, Aili; Ilmarinen, Kaja; Rõõmusoks, Marko; Karelson, Mati; Lopp, Margus Organic & biomolecular chemistry 2014 / p. 5634-5644 : ill <https://pubs.rsc.org/en/content/articlelanding/2014/ob/c4ob00597j> <https://doi.org/10.1039/c4ob00597j>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A general approach to the synthesis of 5-S-functionalized pyrimidine nucleosides and their analogues

Kananovich, Dzmitry; Reino, Aili; Ilmarinen, Kaja; Rõõmusoks, Marko; Karelson, Mati; Lopp, Margus 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 77 <https://pubs.rsc.org/en/content/articlelanding/2014/ob/c4ob00597j>

A highly stereoselective route to medium-ring-sized trans-alkenolides via oxidative fragmentation of bicyclic oxycyclopropane precursors : application to the synthesis of (+)-recifeiolide

Zubrytski, Dzmitry; Kananovich, Dzmitry; Kulinkovich, Oleg Tetrahedron 2014 / p. 2944-2950 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0040402014003524>

HPLC fingerprints of porewater organic compounds as markers for environmental conditions

Lepane, Viia International perspectives on global environmental change 2012 / p. 311-328 : ill https://www.researchgate.net/publication/221923691_HPLC_Fingerprints_of_Porewater_Organic_Compounds_as_Markers_for_Environmental_Conditions

HPLC study of dissolved organic matter dynamics and water quality in River Vääna, Estonia

Lepane, Viia; Suursõöt, Kristel [IHSS 18 - 18th International Conference of International Humic Substances Society : Kanazawa City, Ishikawa, Japan, September 11 - 16, 2016 : book of abstracts] 2016 / [2] p

A hybrid organic linker forms an efficient non-supported non-precious-metal-based metal-organic coordination network porous material for oxygen reduction reaction

Ping, Kefeng; Bhadoria, Rohit; Kongi, Nadežda; Starkov, Pavel; Tammeveski, Kaido Abstracts of Papers of the American Chemical Society 2018 / abst. CATL 202 <https://www.acs.org/content/dam/acsorg/meetings/national-meetings/fall-2018/fall-2018-program-book.pdf>

Impact of apple cultivar, ripening stage, fermentation type and yeaststrain on phenolic composition of apple ciders

Laaksonen, Oskar; Kuldj  rv, Rain; Paalme, Toomas; Virkki, Mira; Yang, Baoru Food chemistry 2017 / p. 29-37 : ill

<https://doi.org/10.1016/j.foodchem.2017.04.067> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Influence of biosurfactant on combined chemical–biological treatment of PCB-contaminated soil

Viisimaa, Marika; Karpenko, Oleksandr; Novikov, Volodymyr; Trapido, Marina; Goi, Anna Chemical engineering journal 2013 / p. 352-359 : ill

<https://doi.org/10.1016/j.cej.2013.01.041> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Isobaric vapor-liquid equilibria of the ternary system pentan-1-ol + pentyl acetate + nonane

Kirss, Helle; Kuus, Mati; Siimer, Enn Journal of chemical and engineering data 2011 / p. 601-605 : ill

<https://pubs.acs.org/doi/10.1021/je101301s>

Linkages between the circulation and distribution of dissolved organic matter in the White Sea, Arctic Ocean

Pavlov, Alexey K.; Stedmon, Colin A.; Semushin, Andrey V.; Martma, T  nu Continental shelf research 2016 / p. 1-13 : ill

<https://doi.org/10.1016/j.csr.2016.03.004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

L  änemeri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt l  ivu

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

L  änemeri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt l  ivu [V  rguv  ljaanne]

Velleste, Eget Eesti P  evaleht 2021 / Lk. 28-30 "[L  änemeri maksab 50 aastat tagasi tehtud rumaluste eest veel pikalt l  ivu](https://dea.digar.ee/article/lp/2021/04/16/23.1)"

Mechanochemical conversion of 1,2,3-trichloropropane into homoallylic alcohols

Nallaparaju, Jagadeesh Varma; Kananovich, Dzmitry; Aav, Riina GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021

: abstracts 2021 / P 19 https://fmdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Mineral matter effect on the decomposition of Ca-rich oil shale

Maaten, Birgit; Loo, Lauri; Konist, Alar JTACC+V4 : 1st Journal of Thermal Analysis and Calorimetry Conference and 6th V4 (Joint Czech-Hungarian-Polish-Slovakian) Thermoanalytical Conference: Budapest Hungary, June 6-9, 2017 : Book of Abstracts 2017 / p. 100-101

<https://static.akcongress.com/downloads/jtacc/jtacc2017-book-of-abstracts.pdf>

Multilayered core-shell structure of polyol-stabilized calcium fluoride nanoparticles characterized by NMR

Witter, Raiker; Roming, Marcus; Feldmann, Claus; Ulrich, Anne S. Journal of Colloid and Interface Science 2013 / p. 250 - 257

<https://doi.org/10.1016/j.jcis.2012.09.001> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Negishi cross-coupling for the synthesis 1,2-cyclopentanediones : a short way to lycoperdic acid and its homoanalogue

Kostomarov, Diana; Paju, Anne; Pehk, T  nis; Lopp, Margus 8th Biennial International Conference on Organic Synthesis :

Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 81

NMR study of the remote activation of the nucleophilicity of isatin imines

Kudrja  ova, Marina;   ari, Sergei; Pehk, T  nis; Kanger, T  nis 8th Biennial International Conference on Organic Synthesis :

Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 87

Non-aldehyde resins based on resorcinol and natural alkylresorcinols modified with styrene

Jurkeviciute, Ana; Grigorieva, Larisa; T  nsuaadu, Kaia; Yashicheva, Tamara; Bondarev, Dmitrij Materials research express

2023 / art. 105301 <https://doi.org/10.1088/2053-1591/acfd12> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Novel softwood lignin esters as advanced filler to PLA for 3D printing

ACS omega 2024 / p. 44559-44567 <https://doi.org/10.1021/acsomega.4c06680> Journal metrics at Scopus Article at Scopus Journal

metrics at WOS Article at WOS

(1S,2S,6S,9S)-6-Methyl-5-oxobicyclo-[4.4.0]decane-2,9-diyl diacetate

Aav, Riina; Lippur, Kristin; Lopp, Margus; Werner, Franz Acta crystallographica section E : Structure reports online 2010 / p.

o2584 <https://doi.org/10.1107/S1600536810036639>

Orgaaniline keemia

Lille,   lo 1997 https://www.ester.ee/record=b1060344*est

Orgaanilise keemia nomenklatuuri p  him  tted

Kanger, T  nis 2010 https://www.ester.ee/record=b2615236*est

Orgaanilise keemia nomenklatuuri p  him  tted

Kanger, T  nis 2012 http://www.ester.ee/record=b2615236*est

Orgaanilise keemia nomenklatuuri põhimõtted

Kanger, Tõnis 2024 https://www.ester.ee/record=b5653582*est

Orgaanilise keemia teoreetilisi küsimusi. II : õppevahend

Aarna, Agu 1979 https://www.ester.ee/record=b1212860*est

Orgaaniliste ja kõrgmolekulaarsete ühendite keemia alused : [õppevahend mittekeemia erialadel]

Help, Kalju; Siirde, Aino; Piiroja, Eduard 1984 https://www.ester.ee/record=b1191111*est

Orgaaniliste ühendite nomenklatuurist

Piiroja, Eduard Kohalik Tööstus : informatsiooniseeria 3 1980 / lk. 17-19 https://www.ester.ee/record=b1205666*est

Os-catalyzed dihydroxylation : an efficient method for desymmetrization of 2-allyl-2-methyl-1,3-cyclopentanedione

Raudla, Kristin; Lopp, Margus; Aav, Riina; Kanger, Tõnis; Pehk, Tõnis OMCOS 13 : 13th IUPAC International Symposium on Organometallic Chemistry directed towards Organic Synthesis : 17-21 July 2005, Geneva Switzerland : book of abstracts 2005 / p. P-478

Ozone reactions with inorganic and organic compounds in water, in ozone science and Technology [Electronic resource]

Portjanskaja, Elina Encyclopedia of life support systems (EOLSS). Chapter 6.192 2008

Oxidation of aqueous organic molecules in gas-phase pulsed corona discharge affected by sodium dodecyl sulphate: Explanation of variability

Onga, Liina; Boroznjak, Roman; Kornev, Iakov; Preis, Sergei Journal of electrostatics 2021 / art. 103581, 6 p

<https://doi.org/10.1016/j.elstat.2021.103581> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of aqueous p-Nitroaniline by pulsed corona discharge

Jayachandrabal, Balachandramohan; Tikker, Priit; Preis, Sergei Separation and Purification Technology 2022 / Art. nr. 121473

<https://doi.org/10.1016/j.seppur.2022.121473> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Oxidation of cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 11th European Symposium on Organic Chemistry : Göteborg, Sweden, July 23-28, 1999 : programme and abstracts 1999 / p. P102

Oxidation of organic compounds in waste water with ozone and hydrogen peroxide

Maripuu, Lea Proceedings of the Estonian Academy of Sciences. Chemistry 1995 / 2/3, p. 201-206: ill

Oxidative ring cleavage reactions of cyclopropanols and their synthetic applications [Online resource]

Elek, Gabor Zoltan Frontiers in Organic Synthesis : Dedicated to the 70th birthday of Professor Margus Lopp, Tallinn, 15th November 2019 2019 / p. 6 <https://www.ttu.ee/public/k/keemia-ja-biotehnoloogia-instituut/pildid/Booklet.pdf>

Phenols to pores to adsorption : a potential route towards new methods for extracting value from shale oil side stream

Niidu, Allan Oil shale 2019 / p. 128-141 http://www.kirj.ee/public/oilshale_pdf/2019/issue_2S/OS-2019-2S-128-141.pdf

rac-2,2'-Bipiperidine-1,1'-diium dibromide

Laars, Marju; Ausmees, Kerti; Kudrjašova, Marina; Kanger, Tõnis; Werner, Franz Acta crystallographica section E : structure reports online 2011 / p. o1324 https://www.researchgate.net/publication/51490648_rac-22%27-Bipiperidine-11%27-diium_dibromide

rac-8a'-Methyl-3',4',8a'-tetrahydro-2'H-spiro[[1,3]dioxolane-2,1'-naphthalen]-6'(7'H)-one

Werner, Franz; Toon, Liina; Aav, Riina Acta crystallographica section E : structure reports online 2011 / p. o2460

https://www.researchgate.net/publication/51778518_rac-8a%27-Methyl-3%27%27%27a%27-tetra-hydro-2%27H-spiro-13dioxolane-21%27-naphthalen-6%27%27%27H-one

Reduction of tantalum pentoxide with aluminium and calcium : thermodynamic modelling and scale skilled tests

Munter, Rein; Parshin, Anatoli; Yamshchikov, Leonid; Plotnikov, Vladimir; Gorkunov, Valeri; Kober, Viktor Proceedings of the Estonian Academy of Sciences 2010 / 3, lk. 243-252 : ill

Sediment diatom assemblages and composition of pore-water dissolved organic matter reflect recent eutrophication history of Lake Peipsi (Estonia/Russia)

Heinsalu, Atko; Alliksaar, Tiit; Leeben, Aina; Nõges, Tiina Hydrobiologia 2007 / p. 133-143 : ill <https://doi.org/10.1007/s10750-007-8615-2>

Sediment diatom assemblages and composition of pore-water dissolved organic matter reflect recent eutrophication history of lake peipsi (Estonia/Russia)

Heinsalu, Atko; Alliksaar, Tiit; Leeben, Aina; Nõges, Tiina Shallow Lakes in a Changing World : Proceedings of the 5th

Selective acetylation of unprotected thioglycosides and fully unprotected monosaccharides with *Candida antarctica* lipase-B

Hunt, Kaarel Erik; Miller, Annette; Jarg, Tatsiana; Kriis, Kadri; Kanger, Tonis ACS omega 2025 / p. 20047-20053
<https://doi.org/10.1021/acsomega.5c02467>

Size-induced chiral discrimination switching by (S)-(-)-2(a-hydroxyethyl)benzimidazole-derived azacrowns

Pandey, Anita D.; Hasan, Mohammed; Pissurlenkar, Raghuvir R.S.; Karnik, Anil V. ChemPlusChem 2015 / p. 475-479 : ill
<http://dx.doi.org/10.1002/cplu.201402141>

Soil fauna: key to soil organic matter dynamics and modelling : Handbook of methods : Version 1, February 2020

Jimenez, Juan J.; Filser, Juliane; Barot, Sébastien; Berg, Matty P.; Ivask, Mari; Öpik, Maarja ["Soil fauna: key to soil organic matter dynamics and modelling : Handbook of methods : Version 1, February 2020"](#)

Spray-pyrolysis synthesised TiO₂ thin films for photocatalytic air treatment from volatile organic compounds

Sydorenko, Jekaterina; Krunks, Malle; Mere, Arvo; Krichevskaya, Marina; Oja Acik, Ilona Proceedings 2023 / art. 37
<https://doi.org/10.3390/proceedings2023092037>

Sterically congested chiral 7,8-dioxa[6]helicene and its dihydro analogues : synthesis, regioselective functionalization, and unexpected domino Prins reaction

Hasan, Mohammed; Pandey, Anita D.; Khose, Vaibhav N.; Mirgane, Nitin A.; Karnik, Anil V. European journal of organic chemistry 2015 / p. 3702-3712 : ill <http://dx.doi.org/10.1002/ejoc.201500327>

Synthesis of chiral FHF-analogues

Niidu, Allan; Kislitsõn, Konstantin; Paju, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / ? p

Synthesis of cyclic 3-aryl-substituted 1,2-dicarbonyl compounds via Suzuki cross-coupling reaction

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 107 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Synthesis of cyclic 3-aryl-substituted 1,2-dicarbonyl compounds via Suzuki cross-coupling reactions

Lopušanskaja, Eleana; Paju, Anne; Järving, Ivar; Lopp, Margus Synthesis 2018 / p. 1883-1890 : ill <https://doi.org/10.1055/s-0036-1591543> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of cyclic 3-aryl-substituted 1,2-dicarbonyl compounds via Suzuki cross-coupling reactions [Online resource]

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p
<http://fntdk.ut.ee/teesid-2018/>

Synthesis of the cyclohexylhemicucurbit[n]urils

Shmatova, Elena; Kruusamägi, Madli; Öeren, Mario; Reile, Indrek; Aav, Riina 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Tailor-made supramolecular chirogenic system based on Cs-symmetric rigid organophosphoric acid host and amino alcohols : mechanistic studies, bulkiness effect, and chirality sensing

Hasan, Mohammed; Khose, Vaibhav N.; Pandey, Anita D.; Borovkov, Victor; Karnik, Anil V. Organic Letters 2016 / p. 440 - 443
<https://doi.org/10.1021/acs.orglett.5b03477> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Template-controlled synthesis of chiral cyclohexylhemicucurbit[8]uril

Prigorchenko, Elena; Öeren, Mario; Kaabel, Sandra; Fomitšenko, Maria; Reile, Indrek; Järving, Ivar; Tamm, Toomas; Topic, Filip; Rissanen, Kari; Aav, Riina Chemical communications 2015 / p. 10921-10924 : ill <https://doi.org/10.1039/c5cc04101e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tervislike rasvade tehas jääb Jõhvi ehitamata

Kriis, Külli pohjarannik.postimees.ee 2025 <https://pohjarannik.postimees.ee/8220938/tervislike-rasvade-tehas-jaab-johvi-ehitamata>

The correlation and quantitative prediction of physical properties from chemical structure : a novel method for correlation and prediction of densities of organic compounds

Perkson, A.; Karelson, Mati 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 113: ill

The Holocene isotopic record of aquatic cellulose from Lake Äntu Sinijärv, Estonia: Influence of changing climate and organic-matter sources

Street-Perrott, F. Alayne; Holmes, Jonathan A.; Robertson, Iain; Ficken, Katherine J.; Koff, Tiiu; Martma, Tõnu Quaternary science

reviews 2018 / p. 68-83 : ill <https://doi.org/10.1016/j.quascirev.2018.05.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The influence of iron ions on the efficiency of aqueous photocatalytic oxidation of organic pollutants

Klauson, Deniss; Portjanskaja, Elina; Kritševskaja, Marina; Katšina, Anna; Preis, Sergei; Kallas, Juha 6th European Meeting Environmental Chemistry : December 6-10, 2005, Belgrade, Serbia and Montenegro 2005 / p. 230

The synthesis and epoxidation of allylic cyclopentenols

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

3-Alkyl-1,2-cyclopentanediones by Negishi cross-coupling of a 3-bromo-1,2-cyclopentanedione silyl enol ether with alkylzinc reagents : an approach to 2-substituted carboxylic acid γ -lactones, homocitric and lycoperdic acids

Paju, Anne; Kostomarov, Diana; Matkevits, Katharina; Laos, Marit; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron 2015 / p. 9313-9320 : ill <https://doi.org/10.1016/j.tet.2015.10.014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Toksiliste orgaaniliste ühendite ja nende isomeeride akumulereerimine Eesti rannikumere hüljeste organismi

Roots, Ott XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 124

Tsükloheksanopoolkukurbiturilide moodustumise mehhanism

Narva, Triin; Aav, Riina; Tamm, Toomas XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 30 https://www.ester.ee/record=b1580289*est

Upscaling of toluene oxidation using water-sprinkled pulsed corona discharge and photocatalysis

Teittinen, Daniel Anselm; Preis, Sergei; Bolobajev, Juri Processes 2025 / art. 2982 <https://doi.org/10.3390/pr13092982>

Uudne TTÜ teadlaste analüüs hõlbustab Alzheimeri tõve diagnoosimist [Võrguväljaanne]

Palumaa, Peep novaator.err.ee 2020 / fot [Uudne TTÜ teadlaste analüüs hõlbustab Alzheimeri tõve diagnoosimist](#)

Uudsed pinnakatted puhastavad õhu kahjulikest viirustest ja bakteritest [Võrguväljaanne]

digi.geenius.ee 2021 ["Uudsed pinnakatted puhastavad õhu kahjulikest viirustest ja bakteritest "](#)

Uued mineraal/orgaanilised ühendid: ruteeniumi kiraalsed kompleksid apatiitsel alusel : PARROT programmi projekt 2005-2006

Tõnsuaadu, Kaia Eesti Teadusfondi aastaraamat 2006 2007 / lk. 39 : fot

Vapour pressure data for 2-n-propylresorcinol, 4-ethylresorcinol and 4-hexylresorcinol near their normal boiling points measured by differential scanning calorimetry

Astra, Hanna-Liina; Oja, Vahur The journal of chemical thermodynamics 2019 / p. 119-126 : ill <https://doi.org/10.1016/j.jct.2019.03.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Yields and the selected physicochemical properties of thermobitumen as an intermediate product of the pyrolysis of Kukersite oil shale

Astra, Hanna-Liina; Albert, Tiina; Mozaffari, Sepehr; Järvik, Oliver; Yanchilin, Alexey; Kamenev, Sven; Karagöz, Selhan; Oja, Vahur Oil shale 2021 / p. 295-316 <https://doi.org/10.3176/oil.2021.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Взаимосвязь предельных коэффициентов активности, рассчитанных методом UNIFAC, со свойствами чистых растворенных соединений

Metlitskaja, Olga; Kirjanen, E. Свойства растворов кислород- и хлорсодержащих органических соединений 1985 / с. 31-39

Взаимосвязь физико-химических характеристик органических соединений с их термодинамическими коэффициентами активности в фенолах

Mölder, Leevi; Metlitskaja, Olga; Tamvelius, Hindrek Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1985 / lk. 305-306 https://www.ester.ee/record=b1264984*est <https://www.etera.ee/zoom/19218/view?page=1&p=separate&tool=info&view=0,0,2465,3986>

Взаимосвязь физико-химических характеристик органических соединений с их термодинамическими коэффициентами активности в фенолах

Mölder, Leevi; Metlitskaja, Olga; Tamvelius, Hindrek Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1985 / с. 34-35 : илл https://www.ester.ee/record=b1264984*est <https://www.etera.ee/zoom/19218/view?page=1&p=separate&tool=info>

Влияние УФ-облучения на озонирование водных растворов органических соединений и сточных вод

Preis, Sergei; Veresina, E.; Siirde, Enno; Munter, Rein Журнал прикладной химии 1988 / с. 555-559 : илл

https://www.ester.ee/record=b1182398*est

Зависимость константы скорости реакции некоторых органических соединений с озоном от их ХПК
Kamenev, Sven; Mikkal, Valdek; Looirits, Hilja Процессы и аппараты химической технологии. 1 1987 / с. 111-116

Завод полезных жиров в Йыхви построен не будет

Kriis, Külli severnojepoberezhje.postimees.ee 2025 <https://severnojepoberezhje.postimees.ee/8220970/zavod-poleznyh-zhirov-v-yyhvi-postroen-ne-budet>

Избыточные термодинамические функции смешения некоторых органических соединений с фенолами
Metlitskaja, Olga Свойства растворов кислородсодержащих органических соединений. 3 1983 / с. 13-18

https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Избыточные термодинамические функции смешения органических соединений с 3,5-диметокситолуолом
Arro, Marje Свойства растворов кислородсодержащих органических соединений. 3 1983 / с. 19-23 : ил

https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Избыточные термодинамические функции смешения органических соединений с бутилфениловым эфиром, метилсалицилатом и бензофеноном

Metlitskaja, Olga Свойства растворов кислород- и хлорсодержащих органических соединений 1985 / с. 41-47

Избыточные термодинамические функции смешения органических соединений с резорцином и 5-метилрезорцином

Arro, Marje; Mölder, Leevi, juhendaja Свойства растворов кислородсодержащих органических соединений. 3 1983 / с. 25-33 : ил https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Исследование некоторых меркаптанов и аминов в качестве ингибиторов кислотной коррозии

Schächter, K.; Lohonyai, N.; **Kallast, Vambola; Talimets, Ellen** Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1983 / с. 95-100 : ил https://www.ester.ee/record=b1294037*est <https://digikogu.taltech.ee/et/Item/ebe3de55-9448-4002-9aec-7e1ef9c57d96>

Методические указания к практикуму по синтезу органических препаратов

1974 https://www.ester.ee/record=b1293061*est

Некоторые закономерности распределения органических веществ между фазами воды и смесью органических растворителей

Mölder, Leevi; Tamvelius, Hindrek Журнал физической химии 1972 / с. 1884 https://www.ester.ee/record=b2026886*est

Описание равновесия многокомпонентных систем методом UNIFAC

Ignat, Aare; Nekraševitš, I. XXVI студенческая научно-техническая конференция вузов Молдавской ССР, Белорусской ССР и Прибалтийских республик, 21-23 апреля 1982 года : тезисы докладов. Часть 2, Химия и технология, механика, строительство 1982 / с. 30 https://www.ester.ee/record=b5165223*est

Определение количества с-метильных групп в органическом веществе горючих сланцев

Urov, Kaarli; Litvinovskaja, V.; Stoler, E. Технология органических веществ. 1 1969 / с. 137-142 : ил https://www.ester.ee/record=b1337236*est <https://digikogu.taltech.ee/et/Item/d6e3c08c-1c99-48a8-ae34-e91a3f1c8d0d>

Органическая химия и технология

Kreen, Malle; Ebber, Arkadi; Zabellevitš, Igor; Mölder, Leevi; Mikkal, Maret-Elo; Einborn, Illi; Suurpere, Aime; Tamvelius, Hindrek; Metlitskaja, Olga; Kirjanen, E.; Tiikma, Laine; Ignat, Aare; Viikna, Anti; Nekraševitš, I.A.; Esvald, T.; Järving, V.; Tsarkov, A.V. 1985 https://www.ester.ee/record=b1245739*est

Парциальные избыточные функции органических соединений в бутилфенолах

Metlitskaja, Olga; Jakimova, E. Известия высших учебных заведений. Химия и химическая технология 1984 / с. 738-739 https://www.ester.ee/record=b2027682*est

Предельные коэффициенты активности органических соединений в некоторых фенолах, кетонах и эфирах

Mölder, Leevi; Metlitskaja, Olga Журнал прикладной химии 1985 / с. 1928-1930 https://www.ester.ee/record=b1182398*est

Проблемы физико-химического анализа нефтяных остатков с высоким содержанием гетероатомных соединений

Arro, Jaak; Mölder, Leevi Химический состав нефтей и нефтепродуктов : тезисы докладов всесоюзной конференции, Тбилиси, 1-5 окт. 1984 г. 1984 / с. 23-24 https://www.ester.ee/record=b2819770*est

Разработка и внедрение комбинированного метода очистки сточных вод, содержащих органические соединения фенольного ряда : автореферат ... кандидата технических наук (05.23.04)

Bukalova, Natalja 1989 http://www.ester.ee/record=b1538689*est

Разработка и внедрение комбинированного метода очистки сточных вод, содержащих органические соединения фенольного ряда : диссертация ... кандидата технических наук : 05.23.04 - водоснабжение и канализация

Bukalova, Natalja 1989 http://www.ester.ee/record=b2489927*est

Свойства и анализ растворов кислородсодержащих органических соединений

1978 https://www.ester.ee/record=b1433416*est <https://digikogu.taltech.ee/et/Item/78c5d1b7-4a2d-4373-be63-6a2203859288>

Свойства растворов кислородсодержащих органических соединений

1981 https://www.ester.ee/record=b1317903*est <https://digikogu.taltech.ee/et/Item/2a7f9dec-9940-4161-83ef-0340bf329d74>

Свойства растворов кислородсодержащих органических соединений

1983 https://www.ester.ee/record=b1294629*est <https://digikogu.taltech.ee/et/Item/ee07edc5-99ca-4dfb-a435-26131930c792>

Скорость реакции озона с щавелевой кислотой и органическими соединениями в биологически очищенной сточной воде

Preis, Sergei; Munter, Rein; Siirde, Enno Тезисы VII всесоюзного симпозиума по современным проблемам прогнозирования, контроля качества воды водоемов и озонирования, Таллин 19-21 ноября 1985 года. IV секция, Озонирование воды 1985 / с. 23-27 : ил https://www.ester.ee/record=b1254834*est