

**Aerobic cascade oxidation of substituted cyclopentane-1, 2-diones using metalloporphyrin catalysts [Online resource]**  
**Oja, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Järving, Ivar; 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://fmtdk.ut.ee/teesid-2018/>

**Aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts**  
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**Aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones on Pt/C catalyst**  
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**The applicability of sulfoxide Michael acceptor - 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one in constructing the carbon skeleton of 9,11-secoosterols**  
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**Rõuk, Kristi; Kõllo, Marek; Lopp, Margus** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 149 [Kogumik](#)

#### **A convenient method for the construction of the imidazolone ring in the synthesis of benzamidine derivatives**

**Allikmaa, Veiko; Eek, Margus; Pehk, Tõnis; Lopp, Margus** Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 180-185

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**Laars, Marju; Raska, Henri; Lopp, Margus; Kanger, Tõnis** Tetrahedron : asymmetry 2010 / p. 562-565

#### **Cyclopentane-1,2-dione and cyclopent-2-en-1-one in asymmetric organocatalytic reactions**

**Preegel, Gert; Mose, Rasmus; Silm, Estelle; Lopp, Margus** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 133 [http://www.boschem.eu/public/BOS2016/BOS-2016\\_Anstract-Book\\_Final.pdf](http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf)

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**Preegel, Gert** 2016 [https://www.ester.ee/record=b4570177\\*est](https://www.ester.ee/record=b4570177*est)

#### **Cyclopentane-1,2-dione bis(tert-butylidimethylsilyl) enol ether in asymmetric organocatalytic Mukaiyama-Michael reactions**

**Reile, Indrek; Paju, Anne; Kanger, Tõnis; Järving, Ivar; Lopp, Margus** Tetrahedron letters 2012 / p. 1476-1478 : ill  
<https://www.sciencedirect.com/science/article/pii/S0040403912000767>

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**Reitel, Kärt; Kudrjašova, Marina; Lopp, Margus; Kanger, Tõnis** BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 163

### Dearomatization of naphthols via alkylation

**Larin, Anni; Lopp, Margus** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 51 : ill  
<http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

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**Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Riismandel, A.; Lopp, Margus** International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 55

### Design and validation of novel chikungunya virus protease inhibitors

Das, Pratyush Kumar; Puusepp, Laura; Varghese, Finny S.; Utt, Age; Ahola, Tero; **Kananovich, Dzmitry; Lopp, Margus**; Merits, Andres; Karelson, Mati Antimicrobial agents and chemotherapy 2016 / p. 7382-7395 : ill <https://doi.org/10.1128/AAC.01421-16> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Designed whole-cell-catalysis-assisted synthesis of 9,11-secoosterols

**Kõllo, Marek; Kasari, Marje; Kasari, Villu; Pehk, Tõnis; Järving, Ivar; Lopp, Margus; Jöers, Arvi; Kanger, Tõnis** Beilstein journal of organic chemistry 2021 / p. 581–588 <https://doi.org/10.3762/bjoc.17.52> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### Development of dearomatization of phenols with alkyl electrophiles

**Lopušanskaja, Eleana; Lopp, Margus** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 55 : ill  
<http://fntdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

### Diastereoselective multicomponent cascade reaction for the synthesis of heterobicyclic heptanes

**Kriis, Kadri; Ausmees, Kerti; Plado, Anita; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Synthetium : July 6-9, 2014, Vilnius : program and abstract book 2014

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**Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 16 : ill

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**Lopušanskaja, Eleana; Paju, Anne; Järving, Ivar; Lopp, Margus** Synthetic communications 2023 / p. 1216-1226 : ill  
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**Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus** Tetrahedron 2002 / p. 7321-7326

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**Elek, Gabor Zoltan; Koppel, Kaur; Zubrytski, Dzmitry M.; Konrad, Nele; Järving, Ivar; Lopp, Margus; Kananovich, Dzmitry** Organic letters 2019 / p. 8473-8478 : ill <https://doi.org/10.1021/acs.orglett.9b03305> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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novaator.err.ee 2024 [Eesti teadlased väärindavad fenoolveest roosiõli](#)

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**Kooli, Anni; Wesenberg, Lars; Beslać, Marko; Krech, Anastasiya; Lopp, Margus; Noël, Timothy; Ošeka, Maksim** European journal of organic chemistry 2022 / art. e202200540 <https://doi.org/10.1002/ejoc.202200011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Übner, Monika; Lepane, Viia; Lopp, Margus; Kaljurand, Mihkel** Journal of chromatography A 2004 / p. 253-258 : ill

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**Paju, Anne; Niidu, Allan; Lumi, Priit; Matkevits, Katharina; Oja, Karolin; Pehk, Tõnis; Lopp, Margus** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 61

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**Lopp, Margus** Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. 24

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**Noole, Artur; Lippur, Kristin; Metsala, Andrus; Lopp, Margus; Kanger, Tõnis** The journal of organic chemistry 2010 / p. 1313-1316 <https://pubmed.ncbi.nlm.nih.gov/20095538/>

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**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](http://www.openreadings.eu/wp-content/uploads/2017/03/OR2017_abstracts_book.pdf)

**Enantioselective synthesis of Wieland-Miescher ketone through biomorpholine-catalyzed organocatalytic aldol condensation**

**Kriis, Kadri; Kanger, Tõnis; Laars, Marju; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus** Synlett 2006 / 11, p. 1699-1702 <https://www.researchgate.net/publication/237887633> [Enantioselective Synthesis of Wieland-Miescher Ketone through Biomorpholine-Catalyzed Organocatalytic Aldol Condensation](#)

**Erinevate  $\alpha$ -naftoolide süntees ja dearomatiseerimine**

**Larin, Anni; Paju, Anne; Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 21 : ill

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**Etüleendiamiin (EDA) tuumaga polüamidoamiin (PAMAM) dendrimeeride erinevate põlvkondade analüüs MALDI-TOF MS**

Peterson, J.; Allikmaa, Veiko; Subbi, J.; **Pehk, Tõnis; Lopp, Margus** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 110-111

**Etüleendiamiin (EDA) tuumaga polüamidoamiin (PAMAM) dendrimeeride erinevate põlvkondade analüüs MALDI-TOF MS, CZE ja  $^{13}\text{C}$  NMR meetoditega**

Peterson, J.; Allikmaa, Veiko; Ebber, Arkadi; Subbi, J.; **Pehk, Tõnis; Lopp, Margus** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 131

**Etüül 3-[[[(1-(4-(aminoiminometüül)fenüül)-4,5-dihüdro-2(3H)okso-1H-imidasool-3-üül)karbonüül]-amino]-propanoadi süntees**

Allikmaa, Veiko; **Pehk, Tõnis; Lopp, Margus** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 14-15

**Evaluation of the biological effects of engineered nanoparticles on unicellular pro- and eukaryotic organisms = Sünteetiliste nanoosakeste bioloogiliste efektide hindamine üherakulistel pro- ja eukariootsetel organismidel**

**Mortimer, Monika** 2011 [https://www.ester.ee/record=b2709099\\*est](https://www.ester.ee/record=b2709099*est)

**Exploring different methods for valorising oil shale ash into calcium and magnesium acetate de-icers**

**Muldma, Kati; Mets, Birgit; Siirde, Andres; Umerenkova, Violetta; Lopp, Margus; Kaldas, Kristiina** Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 27 ; poster 18 [https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts\\_pub3.pdf](https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf)

**Facile and environmentally benign aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts [Online resource]**

**Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Lopp, Margus** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdtk.ut.ee/teesid/>

**Facile synthesis of distally fluorinated ketones by copper-mediated oxidative ring cleavage of cyclopropanols**

**Konik, Yulia A.; Zubrytski, Dzmitry M.; Gathergood, Nicholas; Kananovich, Dzmitry; Lopp, Margus** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 85 : ill [http://www.boschem.eu/public/BOS2016/BOS-2016\\_Anstract-Book\\_Final.pdf](http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf)

## Fenoolide dearomatiseerimine : elektrofiilne asendus versus elektrofiilne liitumine

Lopušanskaja, Eleana; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 23 : ill

## Formal synthesis of 9,11-Secosterols

Rõuk, Kristi; Kõllo, Marek; Lopp, Margus *Balticum Organicum Syntheticum* (BOS 2024) : Book of Abstracts 2024 / art. 115, p. 134  
[https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024\\_Abstract-Book.pdf](https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf)

## Fragmentation of PAMAM dendrimers in methanol

Peterson, Janek; Allikmaa, Veiko; Pehk, Tõnis; Lopp, Margus *Proceedings of the Estonian Academy of Sciences. Chemistry* 2001 / 3, p. 167-172 : ill

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Subbi, Juhani; Aguraiuja, Reet; Tanner, Risto; Allikmaa, Veiko; Lopp, Margus *European polymer journal* 2005 / p. 2552-2558 : ill  
<https://www.sciencedirect.com/science/article/abs/pii/S0014305705002326>

## Fragment-based QSAR approach for novel indole-like TrkA receptor antagonist

Tammiku-Taul, Jaana; Dobchev, Dimitar Atanasov; Karelson, Mati; Timmusk, Tõnis; Park, Rahel; Jaanson, Kaur; Luberg, Kristi; Kananovich, Dzmitry; Noole, Artur; Kanger, Tõnis; Lopp, Margus 8th International Symposium on Computational Methods in Toxicology and Pharmacology Integrating Internet Resources (CMTPI-2015) : Chios, Greece, June 21-25, 2015 : book of abstracts 2015 / p. 68

## 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>

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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](#)

## Generation of mixed anhydrides via oxidative fragmentation of tertiary cyclopropanols with phenyliodine(III) dicarboxylates

Zubrytski, Dzmitry M.; Elek, Gabor Zoltan; Lopp, Margus; Kananovich, Dzmitry *Molecules* 2020 / art. 140  
<https://doi.org/10.3390/molecules26010140> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Halogeenside võib võimendada kaugete aatomite interaktsioone

Metsala, Andrus; Kaasik, Mikk; Kanger, Tõnis; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 28 [https://www.ester.ee/record=b5208044\\*est](https://www.ester.ee/record=b5208044*est)

## Heterogeneous platinum catalytic aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones

Reile, Indrek; Kalle, Sigrid; Werner, Franz; Järving, Ivar; Kudrjašova, Marina; Paju, Anne; Lopp, Margus *Tetrahedron* 2014 / p. 3608-3613 : ill <https://doi.org/10.1016/j.tet.2014.03.104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Humic substances as a background electrolyte in capillary electrophoresis

Übner, Monika; Kaljurand, Mihkel; Lopp, Margus *Chemistry and ecology* 2010 / Suppl., p. 157-165 : ill

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Lopp, Margus *postimees.ee* 2024 / lk. 8 [Hüvasti, põlevkivi, tere tulemast, kukersiit!](https://dea.digar.ee/article/postimees/2024/04/20/10.3) <https://dea.digar.ee/article/postimees/2024/04/20/10.3>

## In memoriam Ülo Lille 1931-2023

Lopp, Margus *Oil shale* 2023 / p. 87-88 : photo <https://doi.org/10.3176/oil.2023.1.05> [https://artiklid.elnet.ee/record=b2903605\\*est](https://artiklid.elnet.ee/record=b2903605*est)

## Indole-like Trk receptor antagonists

Tammiku-Taul, Jaana; Park, Rahel; Jaanson, Kaur; Luberg, Kristi; Dobchev, Dimitar Atanasov; Kananovich, Dzmitry; Noole, Artur; Mandel, Merle; Kaasik, Allen; Lopp, Margus; Timmusk, Tõnis; Karelson, Mati *European journal of medicinal chemistry* 2016 / p. 541-552 : ill <https://doi.org/10.1016/j.ejmech.2016.06.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Influence of protonation upon the conformations of biperidine, biphospholine, and their derivatives

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## Insight into the mechanism and stereochemistry of the transformations of alkyltitanium ate-complexes. An enhanced

### **enantioselectivity in the cyclopropanation of the carboxylic esters with titanacyclopropane reagents**

Kulinkovich, Oleg G.; Kananovich, Dzmitry G.; **Lopp, Margus**; Snieckus, Victor Advanced synthesis and catalysis 2014 / p. 3615-3626 : ill <https://doi.org/10.1002/adsc.201400480> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Insight into the mechanism and stereochemistry of the transformations of alkyltitanium ate-complexes. An enhanced enantioselectivity in the cyclopropanation of the carboxylic esters with titanacyclopropane reagents**

**Kananovich, Dzmitry; Lopp, Margus**; Snieckus, Viktor; Kulinkovich, Oleg 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 76

### **Interaction of humic substances with metal cations**

**Übner, Monika** 2004 [https://www.ester.ee/record=b1990652\\*est](https://www.ester.ee/record=b1990652*est)

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