

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

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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

A novel diastereoselective multicomponent cascade reaction

Kriis, Kadri; Ausmees, Kerti; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. 117

A practical asymmetric synthesis of R- and S-homocitric acid

Eek, Margus; Jäälaid, Raissa; Laos, Marit; Paju, Anne; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 84

A practical asymmetric synthesis of (S) and (R)-2-methyl-5-oxotetrahydrofuran carboxylic acids

Jäälaid, Raissa; Paju, Anne; Eek, Margus; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 88

A short enantioselective synthesis of homocitric acid [gamma]lactone and 4-hydroxyhomocitric acid [gamma]lactones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Eek, Margus; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 118

A short enantioselective synthesis of homocitric acid-[gamma]-lactone and 4-hydroxy-homocitric acid-[gamma]-lactones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Eek, Margus; Lopp, Margus Tetrahedron 2004 / p. 9081-9084

<https://www.sciencedirect.com/science/article/abs/pii/S0040402004012736>

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://fmdk.ut.ee/teesid-2018/>

Aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts

Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Järving, Ivar; Lopp, Margus Tetrahedron 2018 / p. 661-664 : ill

<https://doi.org/10.1016/j.tet.2017.12.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones on Pt/C catalyst

Reile, Indrek; Paju, Anne; Eek, Margus; Pehk, Tõnis; Lopp, Margus Synlett 2008 / 3, p. 347-350 <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2008-1032056>

Aerobic oxidations in asymmetric synthesis : catalytic strategies and recent developments

Kananovich, Dzmitry; Elek, Gabor Zoltan; Lopp, Margus; Borovkov, Victor Frontiers in chemistry 2021 / art. 614944

<https://doi.org/10.3389/fchem.2021.614944> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Akadeemia 2014. aasta eelarve täitmisest ja 2015. a eelarve : peasekretär Margus Lopp : [ettekanne Eesti TA üldkogu koosolekul 15. apr. 2015]

Lopp, Margus Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015 2016 / lk. 105-106

Akadeemia 2015. aasta eelarve täitmisest ja 2016. a eelarve. Seltside rahastamisest : peasekretär Margus Lopp : [ettekanne Eesti TA üldkogu koosolekul 20. apr. 2016]

Lopp, Margus Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 140-144

http://www.ester.ee/record=b1218094*est

Akadeemik Lopp : rakendusuuringuid on aastaid alarahastatud

Lopp, Margus TööstusEST 2019 / lk. 26-27 : portr <https://toostusest.ee/uudis/2019/10/07/akadeemik-margus-lopp-rakendusuuringuid-on-aastaid-alarahastatud/> http://www.ester.ee/record=b4481084*est https://issuu.com/meediapilt/docs/toostusest_oktoober_2019

Akadeemik Margus Lopp

Lopp, Margus Inimesed läbi aja ja lehe lugude. III, 2015-2016 2023 / lk. 23-28 : fot https://www.ester.ee/record=b5561406*est

Akadeemik Margus Lopp püüab kala ja saeb puid

Lopp, Margus Meie Maa 2015 / lk. 6-7 https://www.ester.ee/record=b5561406*est

Alkylation of phenols and resorcinols

Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus *Balticum Organicum Syntheticum* (BOS 2022) : program and abstract book 2022 / p. 114 [Kogumik](#)

Alkyltitanium ate complexes generated from alkylmagnesium halides and titanium TADDOLate : NMR and computational study

Kanovich, Dzmitry; Adamson, Jasper; Osadchuk, Irina; Kudrjašova, Marina; Lopp, Margus *Balticum Organicum Syntheticum* : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 84 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Amination of quinolones

Lippur, Kristin; Tiirik, Tõnis; Kudrjašova, Marina; Lopp, Margus; Kanger, Tõnis BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 125

Amination of quinolones with morpholine derivatives

Lippur, Kristin; Tiirik, Tõnis; Kudrjašova, Marina; Järving, Ivar; Lopp, Margus; Kanger, Tõnis *Tetrahedron* 2012 / p. 9550-9555 : ill <https://www.sciencedirect.com/science/article/pii/S004040201201472X>

Amine catalyzed asymmetric epoxidation of alkenes

Kanger, Tõnis; Kriis, Kadri; Lopp, Margus 14th European Symposium on Organic Chemistry (ESOC14) 2005 / p. 378

Anchimeric assistance in the case of vicinal dimesylate : formation of enantiomeric or meso-biomorpholine

Kanger, Tõnis; Laars, Marju; Kriis, Kadri; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus *Synthesis* 2006 / 11, p. 1853-1857
https://www.researchgate.net/publication/239729268_Anchimeric_Assistance_in_the_Case_of_Vicinal_Dimesylate_Formation_of_Enantiomeric_or_meso_-Bimorpholine

Application of capillary zone electrophoresis to the separation and characterization of poly(amidoamine) dendrimers with an ethylenediamine core

Ebber, Arkadi; Vaher, Merike; Peterson, Janek; Lopp, Margus *Journal of chromatography A* 2002 / p. 351-358

Aqueous mineral carbonation of oil shale mine waste (limestone) : a feasibility study to develop a CO₂ capture sorbent

Puthiya Veetil, Sanoop Kumar; Rebane, Kaarel; Yörük, Can Rüstü; Lopp, Margus; Triikkel, Andres; Hitch, Michael William *Energy* 2021 / art. 119895 <https://doi.org/10.1016/j.energy.2021.119895> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Aromaatsete isotsüanaatide intramolekulaarsel tsükliatsioonil tekkivate kõrvalproduktide eraldamine ja identifitseerimine

Schmidt, M.; Eek, Margus; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 156-157

Aspects of kerogen oxidative dissolution in subcritical water using oxygen from air

Kaldas, Kristiina; Niidu, Allan; Preegel, Gert; Uustalu, Jaan Mihkel; Muldma, Kati; Lopp, Margus *Oil shale* 2021 / p. 199-214 : ill <https://doi.org/10.3176/oil.2021.3.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asümmeetriline keemiline süntees - klaaspärlimängust rakendusteni

Lopp, Margus *Teadusmõte Eestis : täppisteadused : [artiklikogumik]* 2006 / lk. 187-192 : ill https://www.ester.ee/record=b2230239*est

Asümmeetriline organokatalüütiline 1,4-dihüdropüridiinide süntees

Noole, Artur; Borissova, Maria; Lopp, Margus; Kanger, Tõnis XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 64 : ill

Asümmeetriliste katalüsaatorite mõnede kiraalsete ligandide süntees

Ilmarinen, Kaja; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 36-37

Asymmetric addition to aromatic unsaturated 1,4-diketones catalyzed by chichona alkaloid derivatives

Žari, Sergei; Kudrjašova, Marina; Ören, Mario; Tamm, Toomas; Lopp, Margus; Kanger, Tõnis BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 207

Asymmetric aminocatalytic Michael addition of cyclopropane-containing aldehydes to nitroalkenes

Reitel, Kärt; Lippur, Kristin; Järving, Ivar; Kudrjašova, Marina; Lopp, Margus; Kanger, Tõnis *Synthesis* 2013 / p. 2679-2683 : ill

Asymmetric diastereoselective synthesis of spirocyclopropane derivatives of oxindole

Ošeka, Maksim; Noole, Artur; Žari, Sergei; Ören, Mario; Järving, Ivar; Lopp, Margus; Kanger, Tõnis *European journal of*

Asymmetric organocatalytic Michael Addition-cyclization cascade of cyclopentane-1,2-dione with substituted α,β -unsaturated aldehydes

Preegel, Gert; Silm, Estelle; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Lopp, Margus Synthesis 2017 / p. 3118-3125 : ill
<https://doi.org/10.1055/s-0036-1588787>

Asymmetric organocatalytic synthesis of cyclopentanespirooxindoles

Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Lopp, Margus; Kanger, Tõnis TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

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 oxidation of 1,2-cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Tetrahedron letters 2000 / 35, p. 6883-6887

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 64

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 1, 3-hydroxylation of 3-alkyl-1,2-cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2002 / p. 2439-2448

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 2, Oxidative ring cleavage of 3-alkyl-1,2-cyclopentanediones : synthesis of 2-alkyl-[gamma]-lactone acids

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lindmaa, Rasmus; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2003 / p.1565-1573

Asymmetric oxidation of 3-alkyl-1,2-cyclopentanediones. Part 3, Oxidative ring cleavage of 3-hydroxyethyl-1,2-cyclopentanediones : synthesis of [alfa]-hydroxy-[gamma]-lactone acids and spiro-[gamma]-dilactones

Paju, Anne; Kanger, Tõnis; Niitsoo, Olivia; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2003 / p. 2393-2399

Asymmetric oxidation of 3-aminoethyl-1,2-cyclopentanedione : synthesis of spiro-g-lactone-g-lactam

Paju, Anne; Hohlova, N.; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 143

Asymmetric oxidation of cyclobutanones : modification of the Sharpless catalyst

Kanger, Tõnis; Kriis, Kadri; Paju, Anne; Pehk, Tõnis; Lopp, Margus Tetrahedron : asymmetry 1998 / p. 4475-4482

Asymmetric oxidation of ketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Kriis, Kadri; Ilmarinen, Kaja; Pehk, Tõnis Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 124-137

Asymmetric oxidation of prochiral and racemic ketones by using Sharpless catalyst

Paju, Anne 2001 <https://digi.lib.ttu.ee/i/?4206> https://www.ester.ee/record=b1551339*est

Asymmetric oxidation: towards "artificial enzymes"

Lopp, Margus Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 15

Asymmetric synthesis of 2/alkyl-substituted 2-hydroxyglutaric acid [gamma]-lactones

Paju, Anne; Laos, Marit; Jõgi, Artur; Päre, Malle; Jäälaid, Raissa; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron letters 2006 / 26, p. 4491-4493 <https://www.sciencedirect.com/science/article/pii/S004040390600726X>

Asymmetric synthesis of 2-alkyl-substituted 2-hydroxyglutaric acid [gamma]-lactones: a simple access to dag-lactone template

Laos, Marit; Jõgi, Artur; Päre, Malle; Jäälaid, Raissa; Paju, Anne; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 108

Asymmetric synthesis of 2-amino-8-oxo-9,10-epoxydecanoic acid via cyclopropane cleavage strategy [Online resource]

Elek, Gabor Zoltan; Koppel, Kaur; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry 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/>

Asymmetric synthesis of 2-aryl-5-oxotetrahydrofuran-2-carboxylic acids

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Kanger, Tõnis; Lopp, Margus Synthesis 2006 / 18, p. 3031-3036 : ill <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2006-950193>

Asymmetric synthesis of 2-benzyl- and 2-benzylloxymethyl γ -lactone acids

Laos, Marit; Jõgi, Artur; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 14th European Symposium on Organic Chemistry (ESOC14) 2005 / p. 309

Asymmetric synthesis of 4'-C-benzyl-2',3'-dideoxynucleoside analogues from 3-benzyl-2-hydroxy-2-cyclopenten-1-one

Jõgi, Artur; Ilves, Marit; Paju, Anne; Pehk, Tõnis; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2008 / 5, p. 628-634

Asymmetric synthesis of C2-symmetric bimorpholines and their application as chiral ligands in the transfer hydrogenation of aromatic ketones

Kriis, Kadri 2003 <https://digi.lib.ttu.ee/i/24204>

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

Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Lopp, Margus; Kanger, Tõnis Journal of organic chemistry 2013 / p. 8117-8122 : ill

Asymmetric synthesis of novel C2-symmetric bimorpholines

Kanger, Tõnis; Kriis, Kadri; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2002 / p. 857-865

Asymmetric synthesis of tertiary 2-substituted 5-oxotetrahydrofuran-2-carboxylic acids

Paju, Anne; Oja, Karolin; Matkevits, Katharina; Lumi, Priit; Järving, Ivar; Pehk, Tõnis; Lopp, Margus Heterocycles 2014 / p. 981-995 : ill

Asymmetric synthesis of the 2,2,3-trisubstituted cyclopentanone, D-ring fragment of 9,11-secosterols

Kõllo, Marek; Aav, Riina; Tamp, Sven; Jarvet, Jüri; Lopp, Margus Tetrahedron 2014 / p. 6723-6727 : ill

Asymmetric synthesis of the D-ring fragment of 9,11-secosterols and its configuration assignment

Kõllo, Marek; Aav, Riina; Tamp, Sven; Jarvet, Jüri; Lopp, Margus TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Asymmetric transfer hydrogenation of aromatic ketones by Rh/bimorpholine complexes

Kriis, Kadri; Kanger, Tõnis; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 93 <https://www.sciencedirect.com/science/article/pii/S0957416604005245>

Asymmetric transfer hydrogenation of aromatic ketones by Rh(I)/bimorpholine complexes

Kriis, Kadri; Kanger, Tõnis; Lopp, Margus Tetrahedron : Asymmetry 2004 / p. 2687-2691
<https://www.sciencedirect.com/science/article/pii/S0957416604005245>

Aza-Michael reactions of isatin imines : role of S- π interactions

Metsala, Andrus; Žari, Sergei; Lopp, Margus; Kanger, Tõnis Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 116 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Balticum Organicum Syntheticum Tallinnas : [1.-4. juulini 2012 TTÜs]

Lopp, Margus Tallinna Tehnikaülikooli aastaraamat 2012 2013 / lk. 268-272

Behavior of Estonian oil shale in acidic oxidative conditions

Niidu, Allan; Grenman, Henrik; Muldma, Kati; Kaldas, Kristiina; Mikli, Valdek; Lopp, Margus Frontiers in Chemical Engineering 2022 / art. 590115 <https://doi.org/10.3389/fceng.2022.590115>

Bimorpholine as an organocatalyst for asymmetric aldol condensation

Kriis, Kadri; Kanger, Tõnis; Laars, Marju; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 104

Bimorpholine-mediated enantioselective intramolecular and intermolecular aldol condensation

Kanger, Tõnis; Kriis, Kadri; Laars, Marju; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Journal of organic chemistry 2007 / p. 5168-5173 <https://pubs.acs.org/doi/10.1021/jo070524i>

Bitsüklo[3.3.0]oktanooni derivaatide süntees

Raudla, Kristin; Kanger, Tõnis; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 94-95

C2-symmetric bimorpholines : a new ligand for metal mediated hydride transfer reduction of ketones

Kriis, Kadri; Kanger, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Komppa Centenary Symposium : July 6-9, 2003, Espoo, Finland : abstracts 2003 / p. A50

C2-symmetric bimorpholines as chiral ligands in the asymmetric hydrogenation of ketones

Kriis, Kadri; Kanger, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Tetrahedron : asymmetry 2003 / p. 2271-2275

C2-symmetric enantiomeric heterocycles : synthesis and application

Kanger, Tõnis; Kriis, Kadri; Ausmees, Kerti; **Pehk, Tõnis; Lopp, Margus** 13th European Symposium on Organic Chemistry : September 10-15, 2003, Cavtat-Dubrovnik, Croatia : programme and abstracts 2003 / p. 342

Calcium-catalyzed asymmetric reactions of 1,3-dicarbonyl compounds

Lippur, Kristin; Lopp, Margus; Kanger, Tõnis 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

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

Catalytic asymmetric oxidation of 1,2-diketones

Lopp, Margus; Paju, Anne; Oja, Karolin; Lumi, Priit; Matkevich, Katarina SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 40

Catalytic asymmetric synthesis of γ -lactone acids

Paju, Anne; Niidu, Allan; Lumi, Priit; Matkevits, Katharina; Oja, Karolin; Pehk, Tõnis; Lopp, Margus Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010

Catalytic conversion of recalcitrant glycopolymers : investigation of saccharification and isomerisation in ionic liquids = Tõrksate glükopolümeeride katalüütiline konversioon : sahharifikatsiooni ja isomerisatsiooni uurimine ioonsetes vedelikes

Kontson, Tiina 2021 https://www.ester.ee/record=b5473795*est <https://digikogu.taltech.ee/et/Item/afdb8f5d-41a6-4bfb-9a66-05653b60c076>
<https://doi.org/10.23658/taltech.63/2021>

Catalytic reduction of sterols

Eek, Margus; Allikmaa, Veiko; Pehk, Tõnis; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 17

Chirogenesis in asymmetric synthesis and catalysis

Kananovich, Dzmitry; Lopp, Margus Chirogenesis in Chemical Science 2023 / p. 169-240
https://doi.org/10.1142/9789811259227_0004

A comparative study of asymmetric Baeyer-Villiger oxidation of cyclic ketones

Kanger, Tõnis; Kriis, Kadri; Paju, Anne; Kallas, Kaja; Pehk, Tõnis; Lopp, Margus 10th IUPAC Symposium on Organo-Metallic Chemistry directed towards Organic Synthesis : 18-22 July, 1999, Versailles (France) : final program 1999 / p. P232

A comparative study of the synthesis of C2-symmetric chiral 2,2'-biaziridinyls of 3-alkyl-1,2-cyclopentanediones

Kanger, Tõnis; Ausmees, Kerti; **Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus** Synlett 2003 / p. 1055-1057
<https://doi.org/10.1055/s-2003-39303>

A comparative study of the synthesis of C2-symmetric chiral 2,2'-bisaziridinyls

Kanger, Tõnis; Ausmees, Kerti; **Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus** Komppa Centenary Symposium : July 6-9, 2003, Espoo, Finland : abstracts 2003 / p. A44

Comparison of humic acid and metal salt interactions in capillary electrophoresis

Übner, Monika; Kaljurand, Mihkel; Lopp, Margus From Molecular Understanding to Innovative Applications of Humic Substances : proceedings of the 14th International Meeting of the International Humic Substances Society : September 14-19, 2008, Moscow-Saint Petersburg, Russia. Volume 1 2008 / p. 133-136 : ill

Connecting the A,B- and D-rings of 9,11-secoosterols

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

Cyclic amino acid salts as catalysts for the asymmetric Michael reaction

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

Cyclopentane-1,2-dione and cyclopent-2-en-1-one in asymmetric organocatalytic reactions = Tsüklopentaan-1,2-diooni ja tsüklopent-2-een-1-ooni asümmeetrilised organokatalüütilised reaktsioonid

Preegel, Gert 2016

Cyclopentane-1,2-dione bis(tert-butyldimethylsilyl) 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

Cyclopropane-containing compounds in organocatalytic Michael reaction

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 naphtols via alkylation

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

Derivatisation of Grieco lactone

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 <http://dx.doi.org/10.1128/AAC.01421-16>

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

Kõllo, Marek; Kasari, Marje; Kasari, Villu; Pehk, Tõnis; Järving, Ivar; Lopp, Margus; Jõers, 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://fmtdk.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 Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

Diastereoselective multicomponent cascade reaction leading to [3.2.0]-heterobicyclic compounds

Ausmees, Kerti; Kriis, Kadri; Pehk, Tõnis; Werner, Franz; Järving, Ivar; Lopp, Margus; Kanger, Tõnis The journal of organic chemistry 2012 / p. 10680-10687 : ill

Diastereoselektiivne multikomponentne kaskaadreaktsioon

Kriis, Kadri; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 14

Diastereoselective multicomponent cascade reaction leading to heterobicyclic heptanes

Ausmees, Kerti; Kriis, Kadri; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 51

Dikarboksüülhapete stabiilsus oksüdatsioonil õhuhapnikuga vesikeskkonnas

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

Direct asymmetric [alfa]-hydroxylation of 2-hydroxymethyl ketones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Tetrahedron 2002 / p. 7321-7326

Direct asymmetric alpha-hydroxylation of beta-hydroxyketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis Tetrahedron letters 1997 / 28, p. 5051-5054

Direct asymmetric alpha-hydroxylation of beta-hydroxyketones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 79

Direct asymmetric alpha-hydroxylation of beta-hydroxyketones

Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus OMCOS 9 : 9th IUPAC Symposium Organometallic Chemistry, directed towards organic synthesis : final program 1997 / p. 373

Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin

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](#)

Eesti keemiaettevõtte ProSyntest aitab luua uusi tippravimeid : [nõukogu esimehe Margus Lopi kommentaaridega]

Parts, Krister; Lopp, Margus Eesti Päevaleht 2005 / 6. apr., Ärioleht, lk. 15 <https://arileht.delfi.ee/artikkel/51048061/eesti-keemiaettevotte-prosyntest-aitab-luua-uusi-tippravimeid>

Eesti Keemiaselts 100

Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 1 https://www.ester.ee/record=b5208044*est

Eesti käitub rahvusliku rikkuse põlevkiviga nagu laps, kes esmalt sööb tordilt ära kaunistused

Reimer, Andres; Lopp, Margus Eesti Päevaleht, LP 2019 / lk. 20-22

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2014

2015

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2015

2016

Effect of the chiral catalyst in asymmetric Baeyer-Villiger oxidation of cyclic ketones

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Ilmarinen, Kaja; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 51

Electrochemical hydroxylation of electron-rich arenes in continuous flow

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](#)

Electrophoretic aggregation of humic acid

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

Enantiomeersete laktoonhapete katalüütiline asümmeetriline süntees

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

Enantiomeric g-lactone acids from 1,2-diketones : useful intermediates for bioactive compounds

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

Enantioselective Henry reaction catalyzed by Cull salt and biperidine

Noole, Artur; Lippur, Kristin; Metsala, Andrus; Lopp, Margus; Kanger, Tõnis The journal of organic chemistry 2010 / p. 1313-1316

Enantioselective one-pot synthesis of α,β -epoxy ketones via aerobic oxidation of cyclopropanols

Elek, Gabor Zoltan; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry Organic letters 2017 / p. 3544-3547 : ill <http://dx.doi.org/10.1021/acs.orglett.7b01519>

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

Enantioselective organocatalytic Michael addition of aldehydes to [beta]-nitrostyrenes

Laars, Marju; Ausmees, Kerti; Uudsemaa, Merle; Tamm, Toomas; Kanger, Tõnis; Lopp, Margus The journal of organic chemistry 2009 / p. 3772-3775

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 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 nitro olefins

Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

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

Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Synthesis 2014 / p. 2595-2600 : ill

Enantioselective organocatalytic Michael addition–cyclization cascade of cyclopentane-1,2-dione with substituted (E)-2-oxobut-3-enoates

Preegel, Gert; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Synthesis 2015 / p. 3805-3812 : ill

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

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

Kriis, Kadri; Kanger, Tõnis; Laars, Marju; Kailas, Tiit; 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_Bimorpholine-Catalyzed_Organocatalytic_Aldol_Condensation

Erinevate α-naftoolide süntees ja dearomatiseerimine

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

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2014

2015 https://www.ester.ee/record=b1218154*est

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2015

2016 https://www.ester.ee/record=b1218154*est

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 13C 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 eukarüootsetel organismidel

Mortimer, Monika 2011 https://www.ester.ee/record=b2709099*est

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://fntdk.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

Fenoolide dearomatiseerimine : elektrofiilne asendus versus elektrofiilne liitumine

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

A 15-nonstereogenic carbocyclic analogue of prostacyclin : effects on human platelets and uterine artery

Kobzar, Gennadi; Shelkovnikov, Stanislav; Mardla, Vilja; Savitski, Gennadi; Lopp, Margus; Kanger, Tõnis; **Lille, Ülo** *Journal of lipid mediators and cell signalling* 1994 / p. 243-249: ill

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

Fragmentation of poly(amidoamine) dendrimers in matrix-assisted laser desorption

Subbi, Juhan; Aguraiuja, Reet; Tanner, Risto; **Allikmaa, Veiko; Lopp, Margus** *European polymer journal* 2005 / p. 2552-2558 : ill

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

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 kaugele 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

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

Humic substances as a background electrolyte in capillary electrophoresis

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

In memoriam Ülo Lille 1931-2023

Lopp, Margus *Oil shale* 2023 / p. 87-88 : photo <https://doi.org/10.3176/oil.2023.1.05>

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>

Influence of protonation upon the conformations of biperidine, bismorpholine, and their derivatives

Uudsemaa, Merle; Laars, Marju; Kriis, Kadri; Tamm, Toomas; Lopp, Margus; Kanger, Tõnis *Chemical physics letters* 2009 / 1/3, p. 92-96

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

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

Interaction of humic substances with metal cations

Übner, Monika 2004 https://www.ester.ee/record=b1990652*est

Interaction of metal cations with different humic substances from sea and lake sediments

Übner, Monika; Treumann, Maili; Viitak, Anu; Lopp, Margus Proceedings of the Estonian Academy of Sciences. Chemistry 2005 / 1, p. 24-34 : ill

Interactions of Pb²⁺ with fulvic acid by electrophoretically mediated on-capillary microanalysis

Übner, Monika; Kaljurand, Mihkel; Lopp, Margus Journal of chromatography A 2004 / p. 253-256 : ill

International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts

Sniečkus, Viktor; Lopp, Margus 2006 http://www.ester.ee/record=b2155608*est

Investigation of the synthesis of hydroxylated cyclopentanediones

Niidu, Allan; Paju, Anne; Eek, Margus; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 116

Isomers and conformers of complexes of Ti(OiPr)₄ with cyclopentane-1,2-dione : NMR study and DFT calculations

Osadchuk, Irina; Pehk, Tõnis; Paju, Anne; Lopp, Margus; Öeren, Mario; Tamm, Toomas International journal of quantum chemistry 2014 / p. 1012-1018 : ill

(2S,2'S)- ja (3S,3'S)-bimorfoliini süntees

Kriis, Kadri; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 60-61

2-metüül-3-tsüano-tsükloheks-2-een-1-ooni süntees

Niidu, Allan; Maasalu, A.; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 113

Kallid kolleegid ja külalised! Dear participants, colleagues, and guests from countries far-off and around!

Snieckus, Viktor; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 3-4 : portr

Kas kliimasoojenemise vähendamine ja põlevkivi väärimine on ühildatavad? [Võrguväljaanne]

Lopp, Margus Konverents "Kliimaneutraalsus – häving või edu?" 2019 / 17 | [Kas kliimasoojenemise vähendamine ja põlevkivi väärimine on ühildatavad? Kliimaneutraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiaid paljudes valdkondades](#)

Kas põlevkivi on Eesti õnn või õnnetus?

Lopp, Margus Margus Lopp 2022 / Lk. 8 <https://dea.digar.ee/article/postimees/2022/11/05/9.3>

Keemiaprofessori peegelmaailm : [vestlus Margus Lopp'iga]

Kello, Karl; Lopp, Margus Õpetajate Leht 2011 / lk. 7 : fot

Keemikud asümmeetrilise maailma saladuste jahil : uued protsessid tootmisesse : [TTÜ keemiainstituudi orgaanilise keemia õppetooli teadlaste uurimistööst]

Lopp, Margus Äripäev 2003 / 23. det., Kliendileht Tehnoloogia, lk. [1] : fot., portr https://artiklid.elnet.ee/record=b1469702*est

Keemikud disainivad, sünteesivad ja uurivad uusi bioaktiivseid ühendeid

Lopp, Margus Tallinna Tehnikaülikooli aastaraamat 2007 2008 / lk. 98-100 : ill

Keemikud teevad õhust asju : professor Margus Lopp arvab, et koolis tuleks õpetada keemiat huvitavamalt

Lill, Anne; Lopp, Margus Linnaleht : TTÜ 2004 / 3. det., lk. 4 : fot

Kerogeeni oksüdatiivne lahustamine vees

Niidu, Allan; Kaldas, Kristiina; Grenman, H.; Eränen, K.; Preegel, Gert; Salmi, T.; Lopp, Margus XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 31 : ill https://www.ester.ee/record=b1580289*est

Kerogen OÜ hakkab põlevkivist õuna ja pirni järele lõhnavat vedelikku pigistama

Lopp, Margus Sirp 2017 / lk. 29-30 : portr <http://www.sirp.ee/s1-artiklid/c21-teadus/kerogen-ou-hakkab-polevkivist-ouna-ja-pirni-jarele-lohnavat-vedelikku-pigistama/>

Keto-enool tautomeeride tasakaal tsüklopentaan-1,2-dioonides

Reile, Indrek; Paju, Anne; Lopp, Margus XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 83 : ill

Ketoonide asümmeetriline oksüdatsioon - uus lihtne meetod bioaktiivsete ühendite saamiseks : Eesti Teadusfondi projekt "Uued kiraalsed lähteühendid ja katalüsaatorid asümmeetrilises sünteesis", 1999-2002

Lopp, Margus Eesti Teadusfondi Aastaraamat 2002/2003 2003 / lk. 19. (Keemia ja molekulaarbioloogia)

Ketoonide hüdrüülekandega taandamine Rh(I)/kiraalne diamiin kompleksi manulusel

Kriis, Kadri; Kanger, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 44

Kinetic resolution of epoxy alcohols with the Sharpless Ti isopropoxide/tartaric ester complex

Maljutenko, Karolin; Paju, Anne; Pehk, Tõnis; Järving, Ivar; **Lopp, Margus** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 112 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Kinetic resolution of epoxy alcohols with the Sharpless Ti-isopropoxide/tartaric ester complex

Maljutenko, Karolin; Paju, Anne; Järving, Ivar; Pehk, Tõnis; **Lopp, Margus** Tetrahedron : asymmetry 2016 / p. 608-613 : ill <https://doi.org/10.1016/j.tetasy.2016.05.007>

Kiraalsete C2-sümmeetriliste bisasiridiinide süntees

Kanger, Tõnis; Ausmees, Kerti; **Pehk, Tõnis; Lopp, Margus** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 43-44

3'hüdrosü-4'-asendatud-2'-deoksünukleosidi analoogide süntees

Jõgi, Artur; Paju, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati; **Lopp, Margus** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 28 : ill

3-alküül-1,2-tsüklopentaandioonide asümmeetriline oksüdatsioon

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 102-103

3-asabitsüklo[3.2.0]heptaani derivaatide stereoselektiivne süntees

Kriis, Kadri; Pehk, Tõnis; **Kanger, Tõnis; Lopp, Margus** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 46 : ill

3-bensüül-2,4-dihüdrosütsüklopent-2-eenoonide süntees ja asümmeetriline oksüdatsioon

Oja, Karolin; Paju, Anne; Pehk, Tõnis; **Lopp, Margus** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 66 : ill

3-bensüül-2-hüdrosü-2-tsüklopenteen-1-ooni süntees ja selle asümmeetriline oksüdatsioon

Jõgi, Artur; Ilves, M.; **Paju, Anne; Pehk, Tõnis; Lopp, Margus** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 23-24

3-bensüül-oksümetüül-1,2-tsüklopentaandiooni süntees ja asümmeetriline oksüdatsioon

Laos, Marit; Paju, Anne; Kanger, Tõnis; Lopp, Margus; Pehk, Tõnis XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 52-53

3-hüdrosümetüül-1,3,6-heksaantriooli asümmeetriline süntees ja titaanikompleksi valmistamine

Päri, Malle; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 92-93

Kuidas hoiduda arengulõksust?

Veinthal, Renno; Lopp, Margus; Kattel, Rainer; Öpik, Andres; Kamratov, Ardo Mente et Manu 2014 / lk. 4-7 : fot https://www.ester.ee/record=b1242496*est

Käeliste tetrahüdrofuraani analoogide süntees

Niidu, Allan; Paju, Anne; Kislitsõn, Konstantin; **Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 104-105

Late-stage cyclopropane ring cleavage strategy in the synthesis of bioactive tetrapeptides - inhibitors of histone deacetylase

Elek, Gabor Zoltan; Koppel, K.; **Lopp, Margus; Kananovich, Dzmitry** 4th Organic Chemistry Congress with International Participation, October 4-7, 2018, Side, Turkey : Congress Agenda 2019 / 1 p <https://orgchemtr-4.meetinghand.com/projectData/731/webData/Congress-Agenda.pdf>

Lihtne meetod enantiomeerse trans-3,4-epoksü-1-oktüüni sünteesiks viinhappe derivaadist

Lopp, Margus; Kanger, Tõnis; Niidas, Piret; Pehk, Tõnis XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 66-67

Lipase-catalysed reactions of prostaglandins

Vallikivi, Imre 2004 https://www.ester.ee/record=b1990575*est

Margus Lopp - dekaan ja õppejõud, kuid eelkõige teadlane

Lopp, Margus; Kalle, Sigrid Studioosus 2008 / okt., lk. 8-9: fot https://www.ester.ee/record=b1558644*est

Margus Lopp: fakt on see, et nafta saab ükskord otsa : [intervjuu TTÜ teadlase akadeemik Margus Loppiga]

Salong, Heli; **Lopp, Margus** Meie Maa 2012 / lk. 6

Margus Lopp: Meie ajastu majanduse alus on orgaaniline keemia : [intervjuu professoriga]

Lopp, Margus; Meriloo, Marko Ärielu 2008 / lk. 20-23 : portr

Matemaatika-loodusteaduskond Tallinna Tehnikaülikoolis

Lopp, Margus Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 29-31

Matemaatika-loodusteaduskond Tallinna Tehnikaülikoolis

Lopp, Margus Uuele kvaliteedile ja vääriskale positsioonile : Tallinna Tehnikaülikool 2000-2015 2018 / lk. 323-338 : fot http://www.ester.ee/record=b4775778*est <https://digi.lib.ttu.ee/i/?10910>

Matemaatika-loodusteaduskond Tehnikaülikoolis - vajadus või kapriis?

Lopp, Margus Mente et Manu 2005 / 12. jaan., lk. 2 https://www.ester.ee/record=b1242496*est

Materials science education in Estonia

Kaps, Tiit; Mellikov, Enn; Lopp, Margus; Öpik, Andres; Kulu, Priit MRS Fall Meeting, Boston, 1996 : abstracts 1996 / p. 765

Materials science in Estonia

Kaps, Tiit; Mellikov, Enn; Lopp, Margus; Öpik, Andres; Kulu, Priit Journal of materials education 1999 / p. 77-81

Mechanism of the asymmetric oxidation of cyclopentane-1,2-diones

Reile, Indrek; Paju, Anne; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 155

Metal-catalyzed degradation of cellulose in ionic liquid media

Aid, Tiina; Koel, Mihkel; Lopp, Margus; Vaher, Merike Inorganics 2018 / art. 78, 11 p. : ill <https://doi.org/10.3390/inorganics6030078>
[Journal metrics at Scopus](#) [Article at Scopus](#)

Mild oxidation of substituted bicyclo[4.4.0]dec-10-en-3-one

Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 9th Meeting on Stereochemistry : Prague, Czech Republic, June 15-18, 2001 : book of abstracts 2001 / p. 95

Mis üritused on BOS konverentsid? : [Mente et Manu küsimustele vastab BOS keemiakonverentsi kohaliku orgkomitee esimees professor Margus Lopp]

Lopp, Margus Mente et Manu 2012 / lk. 3 https://www.ester.ee/record=b1242496*est

Model studies for the coupling of AB-ring and D-ring fragments of 9,11-secoosterols

Kõllo, Marek; Rom, Siimu; Välimets, Silja; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 96 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Modification of higher generation polyamidoamine (PAMAM) dendrimers by saccharides

Peterson, Janek; Allikmaa, Veiko; Subbi, J.; Lopp, Margus International Conference on Organic Synthesis : BOS 2002, Vilnius 2002 / p. P053

Monitoring biomass degradation, isomerization of glucose to fructose and conversion to 5-HMF in ionic liquids by CE

Aid, Tiina; Lopp, Margus; Vaher, Merike 40th International Symposium on Capillary Chromatography and 13th GC×GC Symposium : May 29 - June 03, 2016, Riva del Garda Fierecongressi, Riva del Garda, Italy : abstract book 2016 / p. 271

Monitoring cellulose degradation and glucose conversion to 5-hydroxymethylfurfural in ionic liquids

Aid, Tiina; Vaher, Merike; Lopp, Margus Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 39 : ill http://boschem.eu/old/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

MPA in the determination of the absolute configuration of vicinal diols by NMR spectroscopy

Ilmarinen, Kaja; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 87

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

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

4'-asendatud nukleosiidi analoogide süntees ja nende bioloogiline aktiivsus

Jõgi, Artur; Jäälaid, Raissa; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 36

4'-bensüül-asendatud nukleosiidi analoogide süntees

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Siirde, K.; Lopp, Margus XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 42-43

4-metüül-5,6-dekaandiooni süntees

Lüll, M.; Paju, Anne; **Pehk, Tõnis; Lopp, Margus** XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 89-90

New asymmetric chemical oxidation in the synthesis of chiral anti-cancer nucleoside analogues

Lopp, Margus; Jõgi, Artur; Paju, Anne; Siirde, K. European journal of pharmaceutical sciences 2007 / 1, Supplement 1, p. S5
<https://link.springer.com/article/10.1007/s00709-006-0230-y>

Novel analogues of the Chikungunya virus protease inhibitor: molecular design, synthesis, and biological evaluation

Ivanova, Larisa; Rausalu, Kai; **Ošeka, Maksim; Kananovich, Dzmitry; Žusinaite, Eva; Tammiku-Taul, Jaana; Lopp, Margus; Merits, Andres; Karelson, Mati** ACS omega 2021 / p. 10884–10896 <https://doi.org/10.1021/acsomega.1c00625> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A novel diastereoselective multicomponent cascade reaction

Kriis, Kadri; Ausmees, Kerti; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis Organic letters 2010 / p. 2230-2233
<https://doi.org/10.1021/ol1005714>

A novel endoribonuclease from the marine sponge Tethya aurantium specific to 2',5'-phosphodiester bonds

Lopp, Margus; Reintamm, Tõnu; Kuusksalu, Anne; Rosa, Salvatore, de; Kelve, Merike Biochimie 2012 / p. 1635-1646 : ill
<https://doi.org/10.1016/j.biochi.2012.04.002>

(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>

An optimized capillary electrophoresis method for the simultaneous analysis of biomass degradation products in ionic liquid containing samples

Aid, Tiina; Paist, Loore; Lopp, Margus; Kaljurand, Mihkel; Vaher, Merike Journal of chromatography A 2016 / p. 141-147 : ill
<http://dx.doi.org/10.1016/j.chroma.2016.04.027>

Orgaanilise keemia praktikum : orgaaniliste ühendite keemilised reaktsioonid ja nende mehhanismid

Lopp, Margus 2006 https://www.ester.ee/record=b2104705*est

Organic chemical synthesis

Lopp, Margus Research in Estonia : present and future 2011 / p. 332-335 : ill

Organocatalytic asymmetric addition of malonates to unsaturated 1,4-diketones

Žari, Sergei; Kailas, Tiit; Kudrjašova, Marina; Ören, Mario; Järving, Ivar; Tamm, Toomas; Lopp, Margus; Kanger, Tõnis Beilstein journal of organic chemistry 2012 / p. 1452-1457 : ill <https://pubmed.ncbi.nlm.nih.gov/23019480/>

Organocatalytic asymmetric synthesis of 3-chlorooxindoles bearing adjacent quaternary–tertiary centers

Noole, Artur; Järving, Ivar; Werner, Franz; Lopp, Margus; Malkov, Andrei; Kanger, Tõnis Organic letters 2012 / p. 4922-4925 : ill <https://pubs.acs.org/doi/10.1021/ol302245b>

Organocatalytic asymmetric synthesis of trisubstituted pyrrolidines via a cascade reaction

Noole, Artur; Pehk, Tõnis; Järving, Ivar; Lopp, Margus; Kanger, Tõnis Tetrahedron : asymmetry 2012 / p. 188-198 : ill
<https://www.sciencedirect.com/science/article/pii/S0957416612000912>

Organocatalytic asymmetric synthesis of trisubstituted pyrrolidines via a cascade reaction

Noole, Artur; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 144 <https://www.sciencedirect.com/science/article/pii/S0957416612000912>

Organocatalytic enantioselective transformations via diamines

Laars, Marju; Kanger, Tõnis; Kriis, Kadri; Lippur, Kristin; Lopp, Margus 15th European Symposium on Organic Chemistry : ESOC15 : 8-13 July 2007, Dublin (Ireland) : abstracts 2007 / ? p

Organokatalüütilised enantioselektiivsed reaktsioonid kiraalsete amiinide toimetel

Laars, Marju; Kriis, Kadri; Lippur, Kristin; Lopp, Margus; Kanger, Tõnis XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 72-73

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

Otsene beeta-hüdroksüketoonide asümmeetriline alfa-hüdroksüleerimine

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 70

Oxidation of 3-alkyl-1,2-cyclopentanediones : synthesis of lactone acids and spirodilactones

Lopp, Margus; Paju, Anne; Kanger, Tõnis; Pehk, Tõnis 13th European Symposium on Organic Chemistry : September 10-15, 2003, Cavtat-Dubrovnik, Croatia : programme and abstracts 2003 / p. 101

Oxidation of cyclobutanones with the modified Sharpless catalyst

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 62

Oxidation of cyclobutanones with the modified Sharpless catalyst

Kanger, Tõnis; Kriis, Kadri; Paju, Anne; Pehk, Tõnis; Lopp, Margus OMCOS 9 : 9th IUPAC Symposium on Organometallic Chemistry, directed towards organic synthesis : final program 1997 / p. 362

Oxidation of cyclobutanones with the modified sharpless catalyst. 2, Effect of chiral ligand

Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 32

Oxidation of cyclopentane-1,2-dione: a study with ¹⁸O labeled reagents

Reile, Indrek; Paju, Anne; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Tetrahedron 2011 / p. 5942-5948

Oxidation of cyclopentanediones

Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 53

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 substituted bicyclo[4.4.0]decen-3-ones

Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 138-146 https://artiklid.elnet.ee/record=b1007942*est

Oxidation of substituted cyclopentane-1,2-diones = Asendatud tsüklopentaan-1,2-dioonide oksüdeerimine

Oja, Karolin 2018 <https://digi.lib.ttu.ee/i/?9923>

Oxidative ring cleavage of 3-hydroxyethyl-1,2-cyclopentanediones : synthesis of 4-hydroxy-[??]-lactone acids and spiro-[??]-dilactones

Paju, Anne; Kanger, Tõnis; Niitsoo, Olivia; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus Komppa Centenary Symposium : July 6-9, 2003, Espoo, Finland : abstracts 2003 / p. A73

Oxidative ring-cleavage reactions of cyclopropanols and their application for the synthesis of bioactive cyclopeptides =

Tsüklopropanoolide oksüdeerivad tsükliavamisreaktsioonid ja nende rakendus bioaktiivsete tsüklopeptiidide sünteesil
Elek, Gabor Zoltan 2020 <https://digikogu.taltech.ee/et/Item/969fcbc0-1eb5-491e-9f23-5d6040090e0b>

p-asendatud 3-fenüül-2-hüdroksü-2-tsüklopenteen-1-ooni derivaatide süntees ja nende asümmeetriline oksüdatsioon

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 21-22

Paul Kogerman ja Ülo Lille : orgaanilised paardumisreaktsioonid : [ettekanne 14. okt. 2011 Eesti TA korraldatud

akadeemik Paul Kogermani 120. sünniaastapäevale ja akadeemik Ülo Lille 80. sünnipäevale pühendatud seminaril "Orgaaniline-bioorgaaniline süntees"]

Lopp, Margus Tallinna Tehnikaülikooli aastaraamat 2011 2012 / lk. 228-232

Peegeldus

Lopp, Margus 2019 https://www.ester.ee/record=b5245579*est

Pharmacological properties of MM-706, a new prostacyclin derivate

Ragazzi, E.; Chinellato, A.; **Lille, Ülo**; Lopp, Margus; Doni, M.G.; Fassina, G. General pharmacology 1995 / 4, p. 703-709: ill

Phosphine-free nonaromatic catalytic system for asymmetric transfer reduction of aromatic ketones

Kanger, Tõnis; Kriis, Kadri; Lopp, Margus Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 26

pKa calculation for monoprotinated bipiperidine, bimorpholine and their derivatives in H₂O and MeCN

Uudsemaa, Merle; Kanger, Tõnis; Lopp, Margus; Tamm, Toomas Chemical physics letters 2010 / p. 83-86

Polüamidoamiin (PAMAM) dendrimeeride kõrgemate põlvkondade modifitseerimine sahhariididega

Peterson, J.; Allikmaa, Veiko; Subbi, J.; **Lopp, Margus** XXVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 27th Estonian Chemistry Days : abstracts of scientific conference 2001 / lk. 100

Polüeenhapete gamma- ja delta-kaksiksidemete selektiivne taandamine = Selective reduction of gamma- and delta-double bonds in polyunsaturated fatty acids

Järving, Ivar; Valmsen, Karin; **Lille, Ülo**; Lopp, Margus; **Pehk, Tõnis**; Samel, Nigulas XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 61-62

https://www.ester.ee/record=b1070511*est

Prediction and assignment of coupling constants of diastereomeric cyclopentane derivatives

Aav, Riina; Pehk, Tõnis; Tamp, Sven; Tamm, Toomas; Kudrjašova, Marina; Parve, Omar; Lopp, Margus Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 / p. 47

Proceedings of the Estonian Academy of Sciences. Chemistry

2001

Professor Margus Lopp: Keemia on erakordselt elulähedane ja erakordselt praktiline aine : [vestlus]

Lopp, Margus; German, Luule Saare Nädalaleht 1998 / 26. sept., lk. 10: fot

Professor Margus Lopp: ma usun inimvaimu jõusse

Lopp, Margus; Kiil, Urmas Oma Saar 2008 / 15. nov., lk. 3

Properties of humic substances from the Baltic Sea and Lake Ermistu mud

Übner, Monika; Treumann, Maili; Viitak, Anu; Lopp, Margus Journal of soils and sediments 2004 / 1, p. 24-29

Põlevkivist nailonit - aga palun

Gaškov, Ago TööstusEST 2019 / lk. 14-17 http://www.ester.ee/record=b4481084*est <https://toostusest.ee/uudis/2019/01/21/polevkivist-nailonit-aga-palun/>

Päeva tsitaat : Margus Lopp, TTÜ orgaanilise keemia professor, akadeemik

Lopp, Margus Eesti Päevaleht 2021 / Lk. 3 <https://dea.digar.ee/article/eestipaevaleht/2021/06/07/3.7>

Pöördumine Haridus- ja Teadusministri ning Riigikogu kultuurikomisjoni esimehe poole : [doktorikoolide probleemist]

Arro, Ilmar; Kaljurand, Mihkel; Kallavus, Urve; Kübarsepp, Jakob; Lille, Ülo; Lopp, Margus; Mellikov, Enn; Min, Mart; Rang, Toomas; Rüstern, Ennu; Taklaja, Andres; Tamm, Toomas; Tammet, Tanel; Tepandi, Jaak; Ubar, Raimund-Johannes; Öpik, Andres Mente et Manu 2005 / 18. mai. lk. 1 https://www.ester.ee/record=b1242496*est

Pöördumine Haridus- ja Teadusministri ning Riigikogu kultuurikomisjoni esimehe poole : [doktorikoolide probleemist]

Arro, Ilmar; Kaljurand, Mihkel; Kallavus, Urve; Kübarsepp, Jakob; Lille, Ülo; Lopp, Margus; Mellikov, Enn; Min, Mart; Rang, Toomas; Rüstern, Ennu; Taklaja, Andres; Tamm, Toomas; Tammet, Tanel; Tepandi, Jaak; Ubar, Raimund-Johannes; Öpik, Andres Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 430-431

Reactivity of aliphatic dicarboxylic acids in wet air oxidation conditions

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus Industrial & engineering chemistry research 2019 / p. 10855–10863 : ill <https://doi.org/10.1021/acs.iecr.9b01643> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rearrangement of 1,4-dihydroxy-2-cyclopentenones

Allikmaa, Veiko; **Paju, Anne; Pehk, Tõnis; Öpik, Andres; Lopp, Margus** International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 31

Regio- and stereoselective synthesis of chiral dihydroxyketones

Niidu, Allan; Paju, Anne; Eek, Margus; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Komppa Centenary Symposium : July 6-9, 2003, Espoo, Finland : abstracts 2003 / p. A70

Remote activation of the nucleophilicity of isatin

Žari, Sergei; Kudrjašova, Marina; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis Organic letters 2014 / p. 1740-1743 : ill

Rh(I)/chiral diamine induced transfer hydrogenation of ketones

Kanger, Tõnis; Kriis, Kadri; Lopp, Margus 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-323

Selective C-alkylation of substituted naphthols under non-aqueous conditions

Kooli, Anni; Shalima, Tatsiana; Lopusanskaja, Eleana; Paju, Anne; Lopp, Margus Tetrahedron 2021 / art. 132278, 8 p. : ill
<https://doi.org/10.1016/j.tet.2021.132278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Short synthesis of chlamydocin and related histone deacetylase inhibitors via late-stage cyclopropane ring cleavage strategy [Online resource]

Elek, Gabor Zoltan; Koppel, Kaur; Lopp, Margus; Kananovich, Dzmitry Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p.: ill <http://fmdtk.ut.ee/teesid-2019/>

Short synthesis of chlamydocin and related histone deacetylase inhibitors via late-stage cyclopropane ring cleavage strategy [Online resource]

Elek, Gabor Zoltan; Koppel, Kaur; Lopp, Margus; Kananovich, Dzmitry Tartu Ülikooli ASTRA projekt PER ASPERA Funktsionaalsete materjalide ja tehnoloogiate doktorikool : teesid 2019 2019 / 1 p. : ill http://fmdtk.ut.ee/wp-content/uploads/2019/02/FMTDK_konverents_2019_teesid_Elek.pdf

Simple access to β -trifluoromethyl-substituted ketones via copper-catalyzed ring-opening trifluoromethylation of substituted cyclopropanols

Kananovich, Dzmitry; Konik, Yulia A.; Zubrytski, Dzmitry M.; Järving, Ivar; Lopp, Margus Chemical communications 2015 / p. 8349-8352 : ill

Sonogashira cross-coupling of 3-bromo-1,2-diones : an access to 3-alkynyl-1,2-diones

Paju, Anne; Kanger, Tõnis; Müürisepp, Aleksander-Mati; Aid, Tiina; Pehk, Tõnis; Lopp, Margus Tetrahedron 2014 / p. 5843-5848 : ill

Stereookeemia : õpik kõrgkoolidele

Lopp, Margus 2014 https://www.ester.ee/record=b3090445*est

Stereoselective synthesis of 1-methyl-1,2-and 1,3-cyclopentanediols via γ -lactones

Niidu, Allan; Paju, Anne; Müürisepp, Aleksander-Mati; Järving, Ivar; Kailas, Tiiu; Pehk, Tõnis; Lopp, Margus Chemistry of heterocyclic compounds 2013 / p. 1751-1760 : ill

Structural consideration of kukersite from air oxidation

Kaldas, Kristiina; Uustalu, Jaan Mihkel; Niidu, Allan; Muldma, Kati; Preegel, Gert; Lopp, Margus GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / O 20

Structural constraints for C2-symmetric heterocyclic organocatalysts in asymmetric aldol reactions

Laars, Marju; Kriis, Kadri; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron : asymmetry 2008 / p. 641-645 https://www.researchgate.net/publication/244242681_Structural_constraints_for_C_2-symmetric_heterocyclic_organocatalysts_in_asymmetric_aldol_reactions

Structural deviations in poly(amidoamine) dendrimers : a MALDI-TOF MS analysis

Peterson, Janek; Allikmaa, Veiko; Subbi, J.; Pehk, Tõnis; Lopp, Margus European polymer journal 2003 / p. 33-42 : ill

Suppression of solute-wall interactions in humic acid capillary electrophoretic analysis by its diluted solution as background electrolyte

Übner, Monika; Kaljurand, Mihkel; Lopp, Margus Colloids and surfaces A : physicochemical and engineering aspects 2007 / p. 634-637 : ill <https://www.sciencedirect.com/science/article/pii/S0927775707001744#!>

Sustainable synthesis and dearomatization of oxygen-containing aromatic compounds = Hapnikku sisaldavate aromaatsete ühendite jätkusuutlik süntees ja dearomatiseerimine

Kooli, Anni 2022 <https://doi.org/10.23658/taltech.63/2022> <https://digikogu.taltech.ee/et/Item/2ea7f80b-5fa8-4120-8667-c7d3641bbdcd>
https://www.ester.ee/record=b5524475*est

Synthesis and antiproliferative activity of 15-oxoprostaglandins : contribution of the W-chain enone group to cytotoxicity

Lopp, Margus; Lopp, Annika; Paju, Anne; Lille, Ülo; Pehk, Tõnis Bioorganic & medicinal chemistry letters 1994 / 14, p. 1739-1744: ill

Synthesis and biological activity of bimorpholine and its carbanucleoside

Ausmees, Kerti; Selyutina, Anastasia; **Kütt, Kristel**; **Lippur, Kristin**; Pehk, Tõnis; **Lopp, Margus**; Žusinaite, Eva; Merits, Andres; **Kanger, Tõnis** Nucleosides, nucleotides and nucleic acids 2011 / p. 897-907

Synthesis and CZE analysis of PAMAM dendrimers with an ethylenediamine core

Peterson, Janek; Ebber, Arkadi; Allikmaa, Veiko; **Lopp, Margus** Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 156-166 : ill

Synthesis and derivatization of bis-nor Wieland-Miescher ketone

Kanger, Tõnis; **Raudla, Kristin**; Aav, Riina; **Müürisepp, Aleksander-Mati**; Pehk, Tõnis; **Lopp, Margus** Synthesis 2005 / p. 3147-3151

Synthesis and MALDI TOF characterization of EDA core-polyamidoamine (PAMAM)- dendrimers by MALDI-TOF MS analysis

Peterson, Janek; Allikmaa, Veiko; Subbi, Juhan; Suurpere, Jaak; **Pehk, Tõnis**; **Lopp, Margus** International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. [65]

Synthesis of 1-methylbicyclo[3.3.0]octane-3,4,8-trione

Raudla, Kristin; **Kanger, Tõnis**; Pehk, Tõnis; **Lopp, Margus** International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 122

Synthesis of 2,2'-bimorpholines and their biological activity

Lippur, Kristin; Merits, Andres; **Lopp, Margus**; **Kanger, Tõnis** Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. ?

Synthesis of (2S,2''S)- and (3S,3''S)-bimorpholine

Kriis, Kadri; **Kanger, Tõnis**; Pehk, Tõnis; **Lopp, Margus** International Conference on Organic Synthesis : BOS 2002, Vilnius 2002 / p. P036

Synthesis of (2S,2'S)-and (3R,3'R)-bimorpholine

Kriis, Kadri; **Kanger, Tõnis**; Pehk, Tõnis; **Lopp, Margus** 9th Meeting on Stereochemistry : Prague, Czech Republic, June 15-18, 2001 : book of abstracts 2001 / p. 143

Synthesis of (2s,2'S)-bimorpholine

Kriis, Kadri; **Kanger, Tõnis**; Pehk, Tõnis; **Lopp, Margus** Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 173-179

Synthesis of (2S,2'S)-bimorpholine N,N'-quaternary salts as chiral phase transfer catalysts

Lippur, Kristin; **Kanger, Tõnis**; **Kriis, Kadri**; Kailas, Tiiu; **Müürisepp, Aleksander-Mati**; Pehk, Tõnis; **Lopp, Margus** Tetrahedron: asymmetry 2007 / p. 137-141

Synthesis of 2-(S)-[(4-methylphenyl)sulfinyl]-2-cyclopenten-1-one, a D-ring precursor of 9,11-secoosterols

Kõllo, Marek; Rõuk, Kristi; **Lopp, Margus** Proceedings of the Estonian Academy of Sciences 2022 / p. 307-313 : ill
<https://doi.org/10.3176/proc.2022.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of 3-hydroxymethyl-1,3,6-hexanetriol from chiral spirodilactone

Päri, Malle; Lüll, M.; **Paju, Anne**; Pehk, Tõnis; **Lopp, Margus** International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 129

Synthesis of 3-phenyl-2-hydroxy-2-cyclopenten-1-ones and their asymmetric oxidation

Jõgi, Artur; **Paju, Anne**; Pehk, Tõnis; **Müürisepp, Aleksander-Mati**; Kailas, Tiiu; **Lopp, Margus** International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 100

Synthesis of 3-substituted 1,2-cyclopentanediones via palladium-catalyzed cross-coupling reactions

Paju, Anne; **Kostomarov, Diana**; Pehk, Tõnis; **Lopp, Margus** BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 151

Synthesis of 4'-aryl-2',3'-dideoxynucleoside analogues

Jõgi, Artur; **Paju, Anne**; Pehk, Tõnis; Kailas, Tiiu; **Müürisepp, Aleksander-Mati**; **Lopp, Margus** Tetrahedron 2009 / p. 2959-2965

Synthesis of 4'-substituted 2', 3'-dideoxynucleoside analogues = 4'-asendatud 2', 3'-dideoksünukleosiidi analoogide süstees

Jõgi, Artur 2008 https://www.eester.ee/record=b2402245*est

Synthesis of 4'-substituted 2',3'-dideoxynucleoside analogues

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 97

Synthesis of 5,5'-disubstituted biomorpholines

Lippur, Kristin; Elmers, Cindy; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Synthetic communications 2010 / p. 266-281

Synthesis of 5,5'-disubstituted biomorpholines

Lippur, Kristin; Elmers, Cindy; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Synthetic communications 2009 / p. 1-16

Synthesis of 9,11-secoesterol D-ring synthon

Aav, Riina; Kanger, 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 9,11-secoesterols intermediates

Aav, Riina 2005 http://www.ester.ee/record=b2041634*est

Synthesis of antithrombotic diamine

Peterson, Jaak; Allikmaa, Veiko; Pehk, Tõnis; Lopp, Margus 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 56

Synthesis of bensofuroxan-4-carboxylic acid

Schmidt, M.; Eek, Margus; **Pehk, Tõnis; Lopp, Margus** 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 66

Synthesis of bicyclo[3.3.0]octanes - interdediates for substituted cyclopentanes

Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 15th European Symposium on Organic Chemistry : ESOC15 : 8-13 July 2007, Dublin (Ireland) : abstracts 2007 / p. 65

Synthesis of chiral C2-symmetric bisaziridines

Kanger, Tõnis; Ausmees, Kerti; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : BOS 2002, Vilnius 2002 / p. P032

Synthesis of chiral enantioenriched tetrahydrofuran derivatives

Niidu, Allan; Paju, Anne; Müürisepp, Aleksander-Mati; Kailas, Tiiu; **Pehk, Tõnis; Lopp, Margus** Arkivoc 2009 / XIV, p. 39-52
<https://www.arkat-usa.org/get-file/32420/>

Synthesis of chiral epoxyalkynes

Kanger, Tõnis; Niidas, Piret; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Tetrahedron : asymmetry 1998 / p. 2499-2508

Synthesis of chiral FHF-analogues

Niidu, Allan; Kisiltsõn, 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 chiral hydroxylated cyclopentanones and cyclopentanes

Niidu, Allan; Paju, Anne; Eek, Margus; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Tetrahedron : asymmetry 2006 / 18, p. 2678-2683 <https://www.sciencedirect.com/science/article/pii/S0957416606006653>

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://fmtdk.ut.ee/teesid-2018/>

Synthesis of cyclopentane and tetrahydrofuran derivatives = Tsüklopentaanide ja tetrahüdrofuraanide süntees

Niidu, Allan 2013 https://www.ester.ee/record=b2992932*est

Synthesis of cyclopentane hydroxy derivatives

Niidu, Allan; Paju, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 142

Synthesis of key intermediate en route to novel carbasugar analogues

Niidu, Allan; Kislitsõn, Konstantin; Paju, Anne; Lopp, Margus Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 / p. P0103

Synthesis of N,N'-disubstituted (2S,2'S)-bimorpholine

Raudla, Kristin; Kanger, Tõnis; Pehk, Tõnis; Müürisepp, Aleksander-Mati; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 138

Synthesis of new N,N,N',N'-tetrasubstituted derivatives of R,R-tartaric acid

Ilmarinen, Kaja; Allikmaa, Veiko; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 97

Synthesis of new N-tetrasubstituted derivatives of R,R-tartaric acid and their use as chiral ligands in oxidation catalysts

Ilmarinen, Kaja; Kriis, Kadri; Paju, Anne; Pehk, Tõnis; Lopp, Margus Proceedings of the Estonian Academy of Sciences. Chemistry 2001 / 3, p. 147-155

Synthesis of novel acyclic nucleoside analogues

Päri, Malle; Paju, Anne; Pehk, Tõnis; Siirde, K.; Lopp, Margus Balticum Organicum Syntheticum : International Conference on Organic Synthesis : June 29 - July 2, 2008, Vilnius : program and abstract book 2008 / p. 145

Synthesis of novel acyclic nucleoside analogues with anti-retroviral activity

Paju, Anne; Päri, M.; Selyutina, Anastasia; Žusinaite, Eva; Merits, Andres; Pehk, Tõnis; Siirde, Kaarel; Müürisepp, Aleksander-Mati; Kailas, Tiiu; Lopp, Margus Nucleosides, nucleotides and nucleic acids 2010 / 9, p. 707-720

Synthesis of substituted cyclopentanones from 2-oxabicyclo[3.3.0]oct-6-en-3-one

Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Proceedings of the Estonian Academy of Sciences. Chemistry 2007 / 1, p. 3-13

Synthesis of the AB-ring of 9,11-secoesterol

Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus 11th European Symposium on Organic Chemistry : Göteborg, Sweden, July 23-28, 1999 : programme and abstracts 1999 / p. P1

Synthesis of the AB-ring of 9,11-secoesterols

Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Synlett 2000 / No. 4, p. 529-531
https://www.researchgate.net/publication/228068773_Synthesis_of_the_AB-Ring_of_911-Secosterols

Synthesis of vicinal amino alcohols from tartaric ester

Ausmees, Kerti; Kulper, Kärt; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 54

Synthesis of γ-keto sulfones by copper-catalyzed oxidative sulfonylation of tertiary cyclopropanols

Konik, Yulia A.; Elek, Gabor Zoltan; Kaabel, Sandra; Järving, Ivar; Lopp, Margus; Kananovich, Dzmitry Organic & biomolecular chemistry 2017 / p. 8334-8340 : ill <http://dx.doi.org/10.1039/C7OB01605K>

Synthesis, structural characterization and modification of PAMAM dendrimers

Peterson, Janek 2002 https://www.ester.ee/record=b1715360*est

Tallinna Tehnikaülikool - Eesti riigi majanduse arengumootor : [kõne Eesti Vabariigi 93. aastapäeva pidulikul tähistamisel TTÜs]

Lopp, Margus Tallinna Tehnikaülikooli aastaraamat 2011 2012 / lk. 280-284

Tallinna Tehnikaülikool : Eesti riigi majanduse mootor : [lühendatult kõnest Eesti Vabariigi 93. aastapäeva pidulikul koosolekul 22. veebr. 2011 TTÜ aulas]

Lopp, Margus Mente et Manu 2011 / lk. 1, 3 : fot https://www.ester.ee/record=b1242496*est

Tartaric acid in the synthesis of enantiomeric compounds

Lopp, Margus International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. 19

Teadmis/teadusmahukusest : [matemaatika-loodusteaduskonna dekaani prof. Margus Lopi kõnest TTÜ 88. aastapäeva aktusel]

Ummelas, Mart; Lopp, Margus Mente et Manu 2006 / 20. sept., lk. 1 https://www.ester.ee/record=b1242496*est

Teadus + õpe = teaduspõhine õpe? : kõne Tallinna Tehnikaülikooli 88. aastapäevale pühendatud pidulikul nõukogu istungil 15. septembril 2006 TTÜ aulas

Lopp, Margus Tallinna Tehnikaülikooli aastaraamat 2006 2007 / lk. 313-317

Teaduspreemia keemia ja molikulaarbioloogia [p.o. molekulaarbioloogia] alal tööde tsükli "Uued asümmeetrilised reaktsioonid ja nende katalüsaatorid" eest : Margus Lopp, Anne Paju, Tõnis Kanger

Lopp, Margus; Paju, Anne; Kanger, Tõnis Eesti Vabariigi teaduspreemiad 2004 2004 / lk. 36-46 : ill., fot

Tehnikavaldkonna rahvusülikool ristteel

Maidla, Margus Sirp 2021 / lk. 34-35 : fot <https://www.sirp.ee/s1-artiklid/c21-teadus/tehnikavaldkonna-rahvusulikool-ristteel/>

Tetrapeptiidi histooni deatsetülaasi inhibiitori ehituskivide divergentne süntees

Elek, Gabor Zoltan; Koppel, K.; Konrad, Nele; Lopp, Margus; Kananovich, Dzmitry XXXIV Eesti keemiapäevad : 100.

aastapäeva teaduskonverentsi teesid 2019 / lk. 13 : ill https://www.ester.ee/record=b5208044*est

The influence of new synthetic analogue of prostacyclin (PGI1) on some parameters of blood coagulation in-vitro and ex-vivo

Petrukhina, G.N.; Makarov, V.A.; Lille, Ülo; Lopp, Margus Prostaglandins leukotrienes and essential fatty acids 1996 / p. 71

The interactions of metal cations with different humic substances

Übner, Monika; Treumann, Maili; Lopp, Margus 9th Nordic IHSS Symposium on Abundance and Functions of Natural Organic Matter Species in Soil and Water : Sundsvall, Sweden, 2003 : abstracts 2003 / p. 53P

The Lille-Blokker model – an excellent tool to describe the structure of kukersite

Mets, Birgit; Kaldas, Kristiina; Uustalu, Jaan Mihkel; Lopp, Margus Oil shale 2023 / p. 234-243

<https://doi.org/10.3176/oil.2023.3.04>

The stability of dicarboxylic acids in subcriticalwet air oxidation (wao) condotions [Online resource]

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p.: ill <http://fntdk.ut.ee/teesid-2019/>

The synthesis and asymmetric oxidation of 3-benzyl-2,4-dihydroxycyclopent-2-enones

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 148

The synthesis and epoxidation of allylic cyclopentenols

Oja, Karolin; Paju, Anne; Pehk, Tõnis; Lopp, Margus TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

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

The synthesis of 4'-substituted nucleoside analogues and their biological activity

Jõgi, Artur; Jäälaid, Raissa; Paju, Anne; Pehk, Tõnis; Lopp, Margus Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. P059

Theoretical prediction and assignment of vicinal 1H–1H coupling constants of diastereomeric 3-alkoxy-6,7-epoxy-2-oxabicyclo[3.3.0]octanes

Aav, Riina; Pehk, Tõnis; Tamp, Sven; Tamm, Toomas; Kudrjašova, Marina; Parve, Omar; Lopp, Margus Magnetic resonance in chemistry 2011 / p. 76-82 : ill

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 <http://dx.doi.org/10.1016/j.tet.2015.10.014>

3-alkylcyclopentane-1,2-diones in asymmetric oxidation and alkylation reactions = 3-alküülsüklopentaan-1,2-dioonid asümmeetrilistes oksüdeerimis- ja alküleerimisreaktsioonides

Reile, Indrek 2012 http://www.ester.ee/record=b2756921*est

3-Chlorooxindoles : versatile starting materials for asymmetric organocatalytic synthesis of spirooxindoles
Noole, Artur; Ošeka, Maksim; Pehk, Tõnis; Öeren, Mario; Järving, Ivar; Elsegood, Mark R. J.; Malkov, Andrei; Lopp, Margus; Kanger, Tõnis Advanced synthesis and catalysis 2013 / p. 829-835 : ill

Towards ortho-selective electrophilic substitution/addition to phenolates in anhydrous solvents
Lopušanskaja, Eleana; Kooli, Anni; Paju, Anne; Järving, Ivar; Lopp, Margus Tetrahedron 2021 / art. 131935, 9 p
<https://doi.org/10.1016/j.tet.2021.131935> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Transformations of titanacyclopropane reagents generated from ortho-metallated aromatic precursors
Kananovich, Dzmitry; Kulinkovich, Oleg; Lopp, Margus; Snieckus, Viktor BOS 2012 : International Conference on Organic Synthesis : July 1-4, 2012, Tallinn, Estonia : program and abstracts 2012 / p. 100

Tromboksaan A2 w-küllastatud 7-bitsüklo[2.2.1]heptaan-analoogide süntees
Paju, Anne; Pehk, Tõnis; Lopp, Margus XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 101-103

Tsükliiliste ketoonide võrdlev Baeyer-Villiger'i asümmeetriline oksüdeerimine
Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Ilmarinen, Kaja; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 58-59

1,2-tsükloalkaandioonide asümmeetriline oksüdatsioon
Paju, Anne; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 124-125

Tsüklobutaan-1,2-dioolide aeroobne oksüdeerimine tsüklopentaan-1,2-dioonideks Pt/C katalüsaatoril
Kriis, Kadri; Kanger, Tõnis; Paju, Anne; Pehk, Tõnis; Lopp, Margus XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 56

Tsüklopentaan-1,2-dioolide aeroobne oksüdeerimine tsüklopentaan-1,2-dioonideks Pt/C katalüsaatoril
Reile, Indrek; Paju, Anne; Eek, Margus; Pehk, Tõnis; Lopp, Margus XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 130-131

TTÜ arengukonverents 8. juuni 2011 : ettekannete põhiteesid
Truve, Erkki; Tammemäe, Kalle; Varrak, Tea; Öpik, Andres; Jervan, Gert; Lopp, Margus; Elken, Jüri; Kattel, Rainer; Keenberg, Anne Mente et Manu 2011 / lk. 5 https://www.ester.ee/record=b1242496*est

TTÜ rektori valimiste väljakuulutamine
Lopp, Margus Mente et Manu 2010 / lk. 1 https://www.ester.ee/record=b1242496*est

(2R,2'R)- ja (3S,3'S)-bimorfoliini süntees
Kriis, Kadri; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 62-63

A two-step model for assessing the potential of shale-derived chemicals by oxidation of kukersite
Mets, Birgit; Lopp, Margus; Uustalu, Jaan Mihkel; Muldma, Kati; Niidu, Allan; Kaldas, Kristiina Oil shale 2023 / p. 344-362
<https://doi.org/10.3176/oil.2023.4.04>

Uncommon reaction in 4-formyl phenols - substitution of the formyl group
Lopušanskaja, Eleana; Paju, Anne; Lopp, Margus Proceedings of the Estonian Academy of Sciences 2024 / p. 1-5
<https://doi.org/10.3176/proc.2024.1.01>

Unexpected direction of the reaction of ethyl 2-(diethylphosphono)propionate with 2,2-disubstituted-1,3-cyclopentanediones
Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 53

Unexpected reactivity of ethyl 2-(diethylphosphono)propionate toward 2,2-disubstituted-1,3-cyclopentanediones
Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Phosphorus, sulfur and silicon 2005 / p. 1739-1748

Uued asümmeetrilised reaktsioonid ja nende katalüsaatorid
Lopp, Margus; Paju, Anne; Kanger, Tõnis Mente et Manu 2004 / 9. märts, lk. 3 https://www.ester.ee/record=b1242496*est
https://artiklid.elnet.ee/record=b1018852*est

Uued asümmeetrilised reaktsioonid ja nende katalüsaatorid
Lopp, Margus; Paju, Anne; Kanger, Tõnis Tallinna Tehnikaülikooli aastaraamat 2004 2005 / lk. 203-209 : ill

Uued tsütotoksilised 15-oksoprostaglandiinid : süntees ja antiproliferatiivne aktiivsus inimese leukeemia K562 rakuliinil
Lopp, Annika; Paju, Anne; **Pehk, Tõnis**; Lopp, Margus XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 67-70

Uute atsükliliste nukleosiidianaloogide süntees

Päri, Malle; Paju, Anne; Pehk, Tõnis; Siirde, K.; **Lopp, Margus** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 125-126

Uute N,N,N',N'-tetraasendatud R,R-viinhappe derivaatide süntees

Ilmarinen, Kaja; Allikmaa, Veiko; Ivanova, A.; **Pehk, Tõnis; Lopp, Margus** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 40-41

Wet air oxidation of oil shale = Põlevkivi oksüdeerimine vees hapniku mõjul

Kaldas, Kristiina 2021 https://www.ester.ee/record=b5472528*est <https://digikogu.taltech.ee/et/item/7b9a99ef-0748-4eef-beb7-9f0ac88f5ddb>
<https://doi.org/10.23658/taltech.59/2021>

Wet air oxidation of oil shales: kerogen dissolution and dicarboxylic acid formation

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus ACS omega 2020 / p. 22021–22030

<https://doi.org/10.1021/acsomega.0c01466> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wet air oxidation of oil shales-factors affecting dicarboxylic acids formation

Kaldas, Kristiina; Preegel, Gert; Muldma, Kati; Lopp, Margus GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 37 <http://fmt.dk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Viktor Palm - teadlane, looja, mõtleja, teadusfilosoof ja õpetaja

Lopp, Margus Eesti teaduse 100 aastat 2018 / lk. 154-157 : portr

Vundamendita püramiid ei püsi püsti

Lopp, Margus Õpetajate Leht 2013 / lk. 8

Võitlus vähiga ja lõhnamaailma mõistmine

Lopp, Margus; Niidu, Allan Horisont 2004 / 6, lk. 23-24 : ill

9,11-sekosterooli D-ringi ja A,B-ringi mudeliühendi süntees

Kõllo, Marek; Toon, Liina; Shmatova, Elena; Aav, Riina; Lopp, Margus XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 50

9,11-sekosterooli AB-ringi süntees

Aav, Riina; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 12-13

9,11-sekosterooli D-ringi vaheühendi süntees ja suhtelise konfiguratsiooni määramine

Kõllo, Marek; Aav, Riina; Lopp, Margus XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 52 : ill

1aH-oksireno[3,4]tsüklopenta[1,2-b]furaanide diastereoisomeeride ruumilise struktuuri määramine

Aav, Riina; Pehk, Tõnis; Lopp, Margus XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 12-13 https://www.ester.ee/record=b2314480*est

Ülikoolide konkurents uus pingeline : [TTÜ võtab tööle meditsiiniprofessoreid : M.Lopi kommentaariga]

Laev, Sigrid; Aaviksoo, Jaak; **Lopp, Margus** Eesti Päevaleht 2005 / 18. veebr., lk. 5 : fot