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 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

Aasta teaduspreemia keemia ja molekulaarbioloogia alal teadustöö "Asümmeetrilised organokatalüütilised ja kaskaadreaktsioonid" eest : Tõnis Kanger
Kanger, Tõnis Eesti Vabariigi preemiad 2016 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2016 / lk. 74-83 : ill., portr

Acid/base properties of some conformationally flexible organocatalysts
Uudsemaa, Merle; **Kanger, Tõnis**; **Tamm, Toomas** 13th ICQC International Congress of Quantum Chemistry : June 22-27, 2009, Helsinki, Finland : abstracts and program 2009 / p. 168

Akadeemiline vabadus tänapäeva ülikoolis
Kanger, Tõnis Õpetajate Leht 2011 / lk. 7

Akadeemilisest vabadusest tänapäeva ülikoolis : [kõne TTÜ 93. aastapäeva koosolekul 16. septembril 2011]
Kanger, Tõnis Tallinna Tehnikaülikooli aastaraamat 2011 2012 / lk. 285-289

Akadeemilisest vabadusest tänapäeva ülikoolis : [matemaatika-loodusteaduskonna dekaani professor Tõnis Kangeri kõne TTÜ 93. aastapäeva koosolekul]
Kanger, Tõnis Mente et Manu 2011 / lk. 1-2 : fot

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

Aminocatalysts are more environmentally friendly than hydrogen-bonding catalysts
Sihtmäe, Mariliis; **Silm, Estelle**; **Kriis, Kadri**; Kahru, Anne; **Kanger, Tõnis** ChemSusChem 2022 / art. e202201045, 5 p.
https://doi.org/10.1002/cssc.202201045 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 chiral bifunctional halogen bond catalysts in glycosylation reactions
Miller, Annette; **Hunt, Kaarel Erik**; **Kriis, Kadri**; **Kanger, Tõnis** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 129 Kogumik

Areen-kroom-trikarbonüülkomplekside enantioselektiivne süntees
Kanger, Tõnis XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 43-45

Aromaatsete isotsüanaatide intramolekulaarsel tsüklisatsioonil 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

Asendatud (2S,2'S)-bimorfoliinide süntees

Lippur, Kristin; **Kriis, Kadri**; **Kailas, Tiiu**; **Müürisepp, Aleksander-Mati**; **Pehk, Tõnis**; **Kanger, Tõnis** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 82-83

Asutajadekaanid : eesmärk on anda inimestele võimalus oma tööd paremini teha
Oorn, Arvo; **Jervan, Gert**; **Kanger, Tõnis**; **Listra, Enn** Mente et Manu 2016 / lk. 18-23 : fot
http://www.ttu.ee/public/u/ulikool/Tutvustus/ajaleht-mente-et-manu/MM_2016_05/index.html

Asümmeetriline organokatalüütiline 1,4-dihüdropüridiinide süntees
Noole, Artur; **Borissova, Maria**; **Lopp, Margus**; **Kanger, Tõnis** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 64 : ill

Asymmetric addition to aromatic unsaturated 1,4-diketones catalyzed by chichona alkaloid derivatives
Žari, Sergei; **Kudrjašova, Marina**; **Öeren, 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 Ca-catalyzed Wittig [2,3]-rearrangement of allyloxy 1,3-dicarbonyl compounds
Lippur, Kristin; **Kanger, Tõnis** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 106 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Asymmetric chemoenzymatic one-pot synthesis of α-Hydroxy half-esters
Murre, Aleksandra; **Erkman, Kristin**; **Järving, Ivar**; **Kanger, Tõnis** ACS Omega 2021 / p. 20686-20698 : ill
https://doi.org/10.1021/acsomega.1c02973 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric diastereoselective synthesis of spirocyclopropane derivatives of oxindole
Ošeka, Maksim; **Noole, Artur**; **Žari, Sergei**; **Öeren, Mario**; **Järving, Ivar**; **Lopp, Margus**; **Kanger, Tõnis** European journal of organic chemistry 2014 / p. 3599-3606 : ill

Asymmetric organocatalytic [2,3]-Wittig rearrangement = Asümmeetriline organokatalüütiline [2,3]-Wittigi ümberasetusreaktsioon
Kimm, Mariliis 2021 https://www.ester.ee/record=b5459027*est https://digikogu.taltech.ee/et/Item/0cf615b8-e406-4531-905b-b97bd1daed83 https://doi.org/10.23658/taltech.45/2021

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives
Kimm, Mariliis; **Ošeka, Maksim**; **Kanger, Tõnis** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 41 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives
Kimm, Mariliis; **Järving, Ivar**; **Ošeka, Maksim**; **Kanger, Tõnis** European journal of organic chemistry 2021 / p. 3113−3120 : ill
https://doi.org/10.1002/ejoc.202100435

Asymmetric organocatalytic aza-Michael reactions of isatin derivatives
Žari, Sergei; **Metsala, Andrus**; **Kudrjašova, Marina**; **Kaabel, Sandra**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2015 / p. 875-886 : ill

Asymmetric organocatalytic cascade synthesis of tetrahydrofuranyl spirooxindoles
Trubitsõn, Dmitri; **Žari, Sergei**; **Kaabel, Sandra**; **Kudrjašova, Marina**; **Kriis, Kadri**; **Järving, Ivar**; Pehk, Tõnis; **Kanger, Tõnis** Synthesis 2018 / p. 314-322 : ill http://doi.org/10.1055/s-0036-1590918

Asymmetric organocatalytic Michael addition of cyclopentane-1,2-dione to alkylidene oxindole
Silm, Estelle; **Järving, Ivar**; **Kanger, Tõnis** Beilstein Journal of Organic Chemistry 2022 / p. 167-173
https://doi.org/10.3762/bjoc.18.18 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Asymmetric organocatalytic Michael addition–cyclisation cascade of cyclopentane-1,2-dione with alkylidene malononitriles
Silm, Estelle; **Kaabel, Sandra**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2019 / p. 4198-4204 https://doi.org/10.1055/s-0039-1690484

Asymmetric organocatalytic Michael and aldol reactions mediated by cyclic amines = Asümmeetriline organokatalüütiline Michaeli ja aldoolreaktsioon tsükliliste amiinide toimel
Laars, Marju 2010 http://www.ester.ee/record=b2635250*est https://digi.lib.ttu.ee/i/?511

Asymmetric Organocatalytic Reactions of Cyclopentane-1,2-dione = Tsüklopentaan-1,2-diooni asümmeetrilised organokatalüütilised reaktsioonid

Silm, Estelle 2022 https://doi.org/10.23658/taltech.23/2022 https://digikogu.taltech.ee/et/Item/106a2384-0619-453b-bd4d-4a6e6d237368 https://www.ester.ee/record=b5499810*est

Asymmetric organocatalytic synthesis of 3,3'-disubstituted oxindoles = Asümmeetriline organokatalüütiline 3,3'-diasendatud oksindoolide süntees
Noole, Artur 2014 https://digi.lib.ttu.ee/i/?1217

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-cyclopropane oxindoles
Ošeka, Maksim; **Noole, Artur**; **Žari, Sergei**; **Kanger, Tõnis** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

Asymmetric organocatalytic synthesis of spiro-cyclopropaneoxindoles
Noole, Artur; Malkov, Andrei; **Kanger, Tõnis** Synthesis 2013 / p. 2520-2524 : 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 organocatalytic Wittig [2,3]-rearrangement
Ošeka, Maksim; **Kimm, Mariliis**; **Kanger, Tõnis** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 123 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Asymmetric organocatalytic wittig [2,3]-rearrangement of oxindoles
Ošeka, Maksim; **Kimm, Mariliis**; **Kaabel, Sandra**; **Järving, Ivar**; Rissanen, Kari; **Kanger, Tõnis** Organic letters 2016 / p. 1358-1361 : ill http://dx.doi.org/10.1021/acs.orglett.6b00291

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 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 synthesis of 2,2'-bimorpholine and its 5,5'-substituted derivatives = 2,2'-bimorfoliini ja selle 5,5'-asendatud derivaatide asümmeetriline süntees
Lippur, Kristin 2010 https://digi.lib.ttu.ee/i/?476 https://www.ester.ee/record=b2590092*est

Asymmetric synthesis of 2,3,4-trisubstituted piperidines
Kriis, Kadri; **Melnik, Triin**; **Lips, Kristiina**; **Juhanson, Ilona**; **Kanger, Tõnis** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 102 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Asymmetric synthesis of 2,3,4-trisubstituted piperidines
Kriis, Kadri; **Melnik, Triin**; **Lips, Kristiina**; **Juhanson, Ilona**; **Kaabel, Sandra**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2017 / p. 604-614 : ill http://dx.doi.org/10.1055/s-0036-1588299

Asymmetric synthesis of 2/alkyl-substituted 2-hydroxyglutaric acid [gamma]-lactones
Paju, Anne; **Laos, Marit**; **Jõgi, Artur**; **Päri, 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**; **Päri, 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-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-benzyloxymethyl g-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 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/?4204

Asymmetric synthesis of congested spiro-cyclopentaneoxindoles via an organocatalytic cascade reaction
Noole, Artur; **Kanger, Tõnis** 248th ACS National Meeting and Exposition : August 10-14, 2014, San Francisco, CA : Chemistry and Global Stewardship 2014 / [1] p. : ill

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 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 : deeper insight and origin of the stereoselectivity
Metsala, Andrus; **Žari, Sergei**; **Kanger, Tõnis** ChemCatChem 2016 / p. 2961-2967 : ill http://dx.doi.org/10.1002/cctc.201600584

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

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

3,3'-bimorpholine derivatives as a new class of organocatalysts for asymmetric Michael addition
Mosse, Sarah; **Laars, Marju**; **Kanger, Tõnis**; Alexakis, Alexandre International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 122

3,3'-bimorpholine derivatives as a new class of organocatalysts for asymmetric Michael addition
Mosse, Sarah; **Laars, Marju**; **Kriis, Kadri**; **Kanger, Tõnis**; Alexakis, Alexandre Organic letters 2006 / p. 2559-2562
https://pubs.acs.org/doi/10.1021/ol0607490

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

Biomorpholines as alternative organocatalysts in asymmetric aldol reactions
Kriis, Kadri; **Laars, Marju**; **Lippur, Kristin**; **Kanger, Tõnis** Chimia 2007 / 5, p. 232-235
https://www.chimia.ch/chimia/article/view/2007_232

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

Bitsükloheptaanist asabitsükloheptaanini : [ettekanne 14. okt. 2011 Eesti TA korraldatud akadeemik Paul Kogermani 120. sünniaastapäevale ja akadeemik Ülo Lille 80. sünnipäevale pühendatud seminaril "Orgaaniline-bioorgaaniline süntees"]
Kanger, Tõnis Tallinna Tehnikaülikooli aastaraamat 2011 2012 / lk. 233-236 : fot

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

C2-symmetric enantiomeric heterocycles: synthetic strategies and applications
Kanger, Tõnis International Conference on Organic Synthesis : June 27-July 1, 2004, Riga, Latvia : program & abstracts 2004 / p. 38
https://www.ester.ee/record=b1965984*est

$CaCl_2$, bisoxazoline, and malonate : a protocol for an asymmetric Michael reaction
Lippur, Kristin; **Kaabel, Sandra**; **Järving, Ivar**; Rissanen, Kari; **Kanger, Tõnis** Journal of organic chemistry 2015 / p. 6336-6341 : ill http://dx.doi.org/10.1021/acs.joc.5b00769

Calcium fluor- and hydroxy-apatites modified or not as catalysts for C-C bond formation
Gruselle, Michel; **Kanger, Tõnis**; Flambard, Alexandrine; **Kriis, Kadri**; **Mikli, Valdek**; **Maaten, Birgit**; **Tõnsuaadu, Kaia** International Conference Catalysis in Organic Synthesis ICCOS-2012 : September 15-20, 2012, Moscow, Russia : book of abstracts 2012 / p. 190

Calcium hydroxyapatites as efficient catalysts for the Michael C-C bond formation
Gruselle, Michel; **Kanger, Tõnis**; Thouvenot, Rene; Flambard, Alexandrine; **Kriis, Kadri**; **Mikli, Valdek**; **Traksmaa, Rainer**; **Maaten, Birgit**; **Tõnsuaadu, Kaia** ACS catalysis 2011 / p. 1729-1733 : ill

Calcium, Barium and Strontium apatites : a new generation of catalysts in the Biginelli reaction
Ben Moussa, Sana; Lachheb, Jalel; Gruselle, Michel; **Maaten, Birgit**; **Kriis, Kadri**; **Kanger, Tõnis**; **Tõnsuaadu, Kaia**; Badraoui, Bechir Tetrahedron 2017 / p. 6542-6548 : ill https://doi.org/10.1016/j.tet.2017.09.051

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

Catalysts derived from sustainable natural and value added alkaloids from poppies
Silm, Estelle; **Pata, Pille**; **Kruis, Jaqueline Cecilia**; **Sikerina, Anastassia**; Pata, Illar; **Kanger, Tõnis**; **Gathergood, Nicholas** IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 24
https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Catalysts derived from sustainable natural and value added alkaloids from poppies [Online resource]
Silm, Estelle; **Pata, Pille**; **Kruis, Jaqueline Cecilia**; **Sikerina, Anastassia**; Pata, Illar; **Kanger, Tõnis**; **Gathergood, Nicholas** 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/

Catalysts derived from sustainable natural and value added alkaloids from poppies [Online resource]
Silm, Estelle; **Kanger, Tõnis**; **Gathergood, Nicholas** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill http://fmtdk.ut.ee/teesid/

Chemoenzymatic synthesis and evaluation of 3-azabicyclo[3.2.0]heptane derivatives as dopaminergic ligands
Reinart-Okugbeni, Reet; **Ausmees, Kerti**; **Kriis, Kadri**; **Werner, Franz**; Rinken, Ago; **Kanger, Tõnis** European journal of medicinal

chemistry 2012 / p. 255-261 : ill

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'-biaziridinylsn 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

Cu-modified hydroxy-apatite as catalyst for Glaser-Hay C-C homo-coupling reaction of terminal alkynes
Maaten, Birgit; Moussa, Jamal; Desmarets, Christophe; Gredin, Patrick; Beaunier, Patricia; **Kanger, Tõnis**; **Tõnsuaadu, Kaia**; Villemin, Didier; Gruselle, Michel Journal of molecular catalysis A : chemical 2014 / p. 112-116 : ill

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 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

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

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

Diastereoselective [2,3]-sigmatropic rearrangement of N-allyl ammonium ylides
Murre, Aleksandra; **Erkman, Kristin**; **Kaabel, Sandra**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2019 / p. 4183–4197
https://doi.org/10.1055/s-0039-1690185

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

Diasteroselective 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

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 /

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

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

Efficiency of stereoselective [2,3]-sigmatropic rearrangement reactions = Stereoselektiivsete [2,3]-sigmatroopsete ümberasetusreaktsioonide efektiivsus
Murre, Aleksandra 2023 https://doi.org/10.23658/taltech.66/2023 https://digikogu.taltech.ee/et/Item/b5e0d31c-c48f-47ba-a629-b176661ae385 https://www.ester.ee/record=b5645593*est

Enantioselective Catalytic Synthesis of N-alkylated Indoles
Trubitsõn, Dmitri; **Kanger, Tõnis** Symmetry 2020 / art. 1184 ; 30 p.: ill https://doi.org/10.3390/sym12071184 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enantioselective catalytic synthesis of N-alkylated indoles
Trubitsõn, Dmitri; **Kanger, Tõnis** Chiral Auxiliaries and Chirogenesis II 2021 / p. 1-30 https://doi.org/10.3390/sym12071184 https://doi.org/10.3390/books978-3-0365-1155-9

Enantioselective H-bond catalyzed spirocyclopropanation and Wittig [2,3]-rearrangement = Enantioselektiivne H-sideme katalüüsitud spirotsüklopropaneerimine ja Wittigi [2,3]-ümberasetusreaktsioon
Ošeka, Maksim 2017 http://www.ester.ee/record=b4752914*est https://digi.lib.ttu.ee/i/?9226

Enantioselective Henry reaction catalyzed by CuII salt and bipiperidine
Noole, Artur; **Lippur, Kristin**; **Metsala, Andrus**; **Lopp, Margus**; **Kanger, Tõnis** The journal of organic chemistry 2010 / p. 1313-1316

Enantioselective Michael addition to vinyl phosphonates via hydrogen bond-enhanced halogen bond catalysis
Kaasik, Mikk; **Martõnova, Jevgenia**; **Erkman, Kristin**; **Metsala, Andrus**; **Järving, Ivar**; **Kanger, Tõnis** Chemical science 2021 / p. 7561-7568 https://doi.org/10.1039/D1SC01029H Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Enantioselective N-alkylation of 3-cyanoindole [Online resource]
Trubitsõn, Dmitri; **Kanger, Tõnis** 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/

Enantioselective N-alkylation of indole derivates [Online resource]
Trubitsõn, Dmitri; **Kanger, Tõnis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/

Enantioselective N-Alkylation of Nitroindoles under Phase-Transfer Catalysis
Trubitsõn, Dmitri; **Martõnova, Jevgenia**; **Erkman, Kristin**; **Metsala, Andrus**; Saame, Jaan; Köster, Kristjan; **Järving, Ivar**; Leito, Ivo; **Kanger, Tõnis** Synthesis 2020 / p. 1047-1059 https://doi.org/10.1055/s-0039-1690751 Journal metrics at Scopus Article at WOS Journal metrics at WOS Article at WOS

Enantioselective N-functionalization of indole derivatives
Trubitsõn, Dmitri; **Kanger, Tõnis** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 84 : ill http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

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 to unsaturated indolyl ketones
Trubitsõn, Dmitri; **Martõnova, Jevgenia**; **Kudrjašova, Marina**; **Erkman, Kristin**; **Järving, Ivar**; **Kanger, Tõnis** Organic letters 2021 / p. 1820-1824 https://doi.org/10.1021/acs.orglett.1c00222 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 organocatalytic synthesis of n-alkylated indoles
Trubitsõn, Dmitri; **Kanger, Tõnis** GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 34 https://fmtdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Enantioselective organocatalytic synthesis of oxa-spirooxindole derivatives
Trubitsõn, Dmitri; **Žari, Sergei**; **Kudrjašova, Marina**; **Lippur, Kristin**; **Ošeka, Maksim**; **Kanger, Tõnis** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 161 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Enantioselective synthesis of Wieland-Miescher ketone through biomorpholine-catalyzed organocatalytic aldol condensation
Kriis, Kadri; **Kanger, Tõnis**; **Laars, Marju**; **Kailas, Tiiu**; **Müürisepp, Aleksander-Mati**; **Pehk, Tõnis**; **Lopp, Margus** Synlett 2006 / 11, p. 1699-1702 https://www.researchgate.net/publication/237887633_Enantioselective_Synthesis_of_Wieland-Miescher_Ketone_through_Bimorpholine-Catalyzed_Organocatalytic_Aldol_Condensation

Enantioselektiivne Henry reaktsioon N-iPr-bipiperidiini - Cu(OAc)2 H20 kompleksi katalüüsil
Noole, Artur; **Kanger, Tõnis** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 59

Enzymatic ways for desymmetrization of malonic derivatives
Murre, Aleksandra; **Erkman, Kristin**; **Kanger, Tõnis** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 64 : ill http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Faculty of Science : [Tallinn University of Technology]
2012 https://www.ester.ee/record=b2890162*est

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

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

Halo-1,2,3-triazolium salts as halogen bond donors for the activation of imines in dihydropyridinone synthesis
Kaasik, Mikk; **Metsala, Andrus**; **Kaabel, Sandra**; **Kriis, Kadri**; **Järving, Ivar**; **Kanger, Tõnis** Journal of organic chemistry 2019 / p. 4294–4303 : ill https://doi.org/10.1021/acs.joc.9b00248 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Halogeenside võib võimendada kaugete aatomite interaktsioone
Metsala, Andrus; **Kaasik, Mikk**; **Kanger, Tõnis**; **Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 28 https://www.ester.ee/record=b5208044*est

Halogen-Bonding Organocatalysis - New Opportunities for Asymmetric Synthesis
Kaasik, Mikk; **Kanger, Tõnis** Asymmetric Organocatalysis: New Strategies, Catalysts, and Opportunities. Vol. 1 2022 / p. 203-224

https://doi.org/10.1002/9783527832217.ch6

Halotriazolium salts as organocatalysts in aza-Diels-Alder reaction [Online resource]
Kaasik, Mikk; **Kriis, Kadri**; **Kanger, Tõnis** 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/

Highly enantio- and diastereoselective generation of two quaternary centers in spirocyclopropanation of oxindole derivaties
Noole, Artur; Sucman, Natalia S.; Kabeshov, Mikhail A.; **Kanger, Tõnis**; Macaev, Fliur Z.; Malkov, Andrei Chemistry : a European journal 2012 / p. 14929–14933 : ill

Indooli derivaatide enantioselektiivne N-alküleerimine
Trubitsõn, Dmitri; **Kudrjašova, Marina**; **Kanger, Tõnis** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 42 : ill https://www.ester.ee/record=b5208044*est

Influence of protonation upon the conformations of bipiperidine, bimorpholine, and their derivates
Uudsemaa, Merle; **Laars, Marju**; **Kriis, Kadri**; **Tamm, Toomas**; **Lopp, Margus**; **Kanger, Tõnis** Chemical physics letters 2009 / 1/3, p. 92-96

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

loonsele vedelikule seotud bipiperidiini derivaadi süntees ja rakendus organokatalüüsis
Reitel, Kärt; **Kudrjašova, Marina**; **Kanger, Tõnis** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 86 : 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

12 uut positsiooni
Salupere, Andrus; **Sergejev, Fjodor**; **Kallaste, Kadri**; **Pihel, Hele-Riin**; **Tärnov, Külle**; **Anton, Maia-Liisa**; **Annus, Ivar**; **Kanger, Tõnis**; **Kerikmäe, Tanel**; **Illing, Sven**; **Uutar, Aivar** Mente et Manu 2020 / lk. 54-59 : portr https://www.ester.ee/record=b1242496*est https://dea.digar.ee/article/AKmenteetmanu/2020/09/0/21.1

Ketoonide hüdriidülekandega 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

Kiraalsete asendatud tsüklopentanoonide süntees
Ausmees, Kerti; **Kütt, Kristel**; **Kanger, Tõnis** XXXI Eesti keemiapäevad : [28. aprill 2010, Tallinn] : teaduskonverentsi teesid = 31st Estonian Chemistry Days : abstracts of scientific conference 2010 / lk. 24

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-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-bensüüloksümetüül-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

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

[Lõpetajad 2018 : rektori ja dekaanide kõned]
Aaviksoo, Jaak; **Kanger, Tõnis**; **Jervan, Gert**; **Oorn, Arvo**; **Listra, Enn**; **Leiger, Roomet** Mente et Manu 2018 / lk. 16-31 : portr https://ttu.ee/public/m/mente-et-manu/MM_02_2018/mobile/index.html#p=6 http://www.ester.ee/record=b1242496*est

http://dea.digar.ee/publication/AKmenteetmanu

[Lõpetajad 2019 : rektori ja dekaanide soovid]
Aaviksoo, Jaak; **Jervan, Gert**; **Kanger, Tõnis**; **Listra, Enn**; **Oorn, Arvo**; **Leiger, Roomet** Mente et Manu 2019 / lk. 18-35 : fot https://www.ester.ee/record=b1242496*est https://www.ttu.ee/public/m/mente-et-manu/MM_03_2019/mobile/index.html

Matemaatika-loodusteaduskond 2010
Kanger, Tõnis Tallinna Tehnikaülikooli aastaraamat 2010 2011 / lk. 25-26

Michael-addition/cyclization of cyclopentane-1,2-dione to alkylidenemalononitriles [Online resource]
Silm, Estelle; **Kanger, Tõnis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p.: ill http://fmtdk.ut.ee/teesid-2019/

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

Modified calcium apatites as new catalysts in organic synthesis
Tõnsuaadu, Kaia; Gruselle, Michel; Moussa, Jamal; Villemin, Didier; **Maaten, Birgit**; **Kanger, Tõnis** International Symposium on Inorganic and Environmental Materials 2013 : program and abstracts, October 27-31, 2013, Rennes, France 2013 / p. 277

Morfoliini derivaatidega asendatud kinoloonide süntees
Lippur, Kristin; **Kudrjašova, Marina**; **Kanger, Tõnis** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 57 : ill

Multifunctional catalysts in the asymmetric Mannich reaction of malononitrile with N-Phosphinoylimines : coactivation by halogen bonding versus hydrogen bonding
Kriis, Kadri; **Martõnov, Harry**; **Miller, Annette**; **Erkman, Kristin**; **Järving, Ivar**; **Kaasik, Mikk**; **Kanger, Tõnis** The journal of organic chemistry 2022 / p. 7422-7435 : ill https://doi.org/10.1021/acs.joc.2c00674 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

N-allüülammooniumüliidide Stevensi [2,3]-ümberasetusreaktsioon
Murre, Aleksandra; **Erkman, Kristin**; **Kanger, Tõnis** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 29 : ill https://www.ester.ee/record=b5208044*est

NMR study of the remote activation of the nucleophilicity of isatin imines
Kudrjašova, Marina; **Žari, Sergei**; Pehk, Tõnis; **Kanger, Tõnis** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 87

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

Orgaaniline keemia : õpik kõrgkoolidele
Carey, Francis A; Giuliano, Robert M 2014 http://www.ester.ee/record=b3084143*est

Orgaanilise keemia nomenklatuuri põhimõtted
Kanger, Tõnis 2010 https://www.ester.ee/record=b2615236*est

Orgaanilise keemia nomenklatuuri põhimõtted
Kanger, Tõnis 2012 http://www.ester.ee/record=b2615236*est

Orgaanilise keemia praktikum : laboratoorsed tööd. I
2009 http://www.ester.ee/record=b2508636*est

Orgaanilise keemia praktikum : laboratoorsed tööd. I
2004 http://www.ester.ee/record=b1905872*est

Orgaanilise keemia praktikum : laboritehnika
2004 https://www.ester.ee/record=b1994262*est

Organic and carbon aerogels containing rare-earth metals : their properties and application as catalysts
Kreek, Kristiina; **Kriis, Kadri**; **Maaten, Birgit**; **Uibu, Mai**; **Mere, Arvo**; **Kanger, Tõnis**; **Koel, Mihkel** Journal of non-crystalline solids 2014 / p. 43-48 : ill

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

Žari, Sergei; **Kailas, Tiiu**; **Kudrjašova, Marina**; **Öeren, 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 addition to unsaturated 1,4-dicarbonyl compounds = Organokatalüütiline asümmeetriline liitumine küllastumata 1,4-dikarbonüülühenditele
Žari, Sergei 2015

Organocatalytic asymmetric Michael addition to cyclopropyl derivatives = Tsüklopropaani derivaatide asümmeetriline organokatalüütiline Michaeli liitumisreaktsioon
Reitel, Kärt 2019 https://digi.lib.ttu.ee/i/?11505

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 conjugate addition of cyclopropylacetaldehyde derivatives to nitro olefins : en route to β- and γ-amino acids
Kaasik, Mikk; **Noole, Artur**; **Reitel, Kärt**; **Järving, Ivar**; **Kanger, Tõnis** European journal of organic chemistry 2015 / p. 1745-1753 : ill

Organocatalytic enantioselective domino reactions leading to polysubstituted n-heterocycles
Kanger, Tõnis 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. 44

Organocatalytic enantioselective synthesis of N-alkylated indoles = Organokatalüütiline enantioselektiivne N-alküleeritud indoolide süntees
Trubitsõn, Dmitri 2021 https://www.ester.ee/record=b5459634*est https://digikogu.taltech.ee/et/Item/0f4eb334-fce4-4178-9d7c-eac98677e646 https://doi.org/10.23658/taltech.46/2021

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 toimel
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 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

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

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 monoprotonated bipiperidine, bimorpholine and their derivates in H2O and MeCN
Uudsemaa, Merle; **Kanger, Tõnis**; **Lopp, Margus**; **Tamm, Toomas** Chemical physics letters 2010 / p. 83-86

Primary amines as heterogeneous catalysts in an enantioselective [2,3]-Wittig rearrangement reaction
Murre, Aleksandra; **Mikli, Valdek**; **Erkman, Kristin**; **Kanger, Tõnis** iScience 2023 / art. 107822, 18 p. : ill
https://doi.org/10.1016/j.isci.2023.107822

Quantum chemical calculation procedure for the c-c bond forming reactions
Metsala, Andrus; **Kaasik, Mikk**; **Kriis, Kadri**; **Kanger, Tõnis**; **Kimm, Mariliis** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 127 Kogumik

rac-2,2'-Bipiperidine-1,1'-diium dibromide
Laars, Marju; **Ausmees, Kerti**; **Kudrjašova, Marina**; **Kanger, Tõnis**; **Werner, Franz** Acta crystallographica section E : structure reports online 2011 / p. o1324

Reaction path scans : Aza-Michael reactions of isatin imines
Metsala, Andrus; **Žari, Sergei**; **Kanger, Tõnis** Computational and theoretical chemistry 2017 / p. 30-40 : ill
https://doi.org/10.1016/j.comptc.2017.07.014

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 isatin for efficient asymmetric aza-Michael reactions
Žari, Sergei; **Kudrjašova, Marina**; **Ilmarinen, Kaja**; Pehk, Tõnis; **Kanger, Tõnis** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

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

(R,R)- and (S,S)-N,N'-dimethyl-1,2-diphenylene-1.2-diamine, (1,2-ethanediamine, N,N'-dimethyl-1,2-diphenyl-, [R-(R*,R*)]- and [S-(R*,R*)-])
Alexakis, Alexandre; Aujard, I.; **Kanger, Tõnis**; Mangeney, P. Organic syntheses 1998 / p. 23-36

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

Stevens [2,3]-rearrangement of N-allyl ammonium ylides
Murre, Aleksandra; **Erkman, Kristin**; **Kanger, Tõnis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/

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

Study of the asymmetric organocatalyzed [3+2] annulation of cyclopropenone and β-keto ester
Reitel, Kärt; **Kriis, Kadri**; **Järving, Ivar**; **Kanger, Tõnis** Chemistry of heterocyclic compounds 2018 / p. 929–933 : ill https://doi.org/10.1007/s10593-018-2372-1

Supramolecular halogen bonds in asymmetric catalysis
Kaasik, Mikk; **Kanger, Tõnis** Frontiers in chemistry 2020 / art. 599064, 18 p. : ill https://doi.org/10.3389/fchem.2020.599064 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 characterization of chiral triazole-based halogen bond donors [Online resource]
Kaasik, Mikk; **Kaabel, Sandra**; **Kriis, Kadri**; **Järving, Ivar**; **Aav, Riina**; Rissanen, Kari; **Kanger, Tõnis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill http://fmtdk.ut.ee/teesid/

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 use of 3,3'-bimorpholine derivatives in asymmetric Michael addition and intramolecular aldol reaction
Sulzer-Mosse, Sarah; **Laars, Marju**; **Kriis, Kadri**; **Kanger, Tõnis**; Alexakis, Alexandre Synthesis 2007 / 11, p. 1729-1732 https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2007-965966

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 2-(2'-piperidinyl)pyridine derivatives and their use as ligands in asymmetric Henry and aza-Henry reactions
Noole, Artur; **Kanger, Tõnis** 16th European Symposium on Organic Chemistry (ESOC 2009) : Prague, 12-16 July 2009 / p. 422

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 5,5'-disubstituted bimorpholines
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 6′-galactosyllactose, a deviant human milk oligosaccharide, with the aid of Candida antarctica lipase-B
Hunt, Kaarel Erik; Garcia-Sosa, Alfonso T.; **Shalima, Tatsiana**; Maran, Uko; **Vilu, Raivo**; **Kanger, Tõnis** Organic & biomolecular chemistry 2022 / p. 4724–4735 https://doi.org/10.1039/D2OB00550F Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Synthesis of 9,11-secosterol 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-secosterols intermediates
Aav, Riina 2005 http://www.ester.ee/record=b2041634*est

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 bifunctional halogen bond donor catalysts and their application in asymmetric cascade reaction
Martõnov, Harry; **Kriis, Kadri**; **Kanger, Tõnis** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 120 Kogumik

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

Synthesis of chiral triazole-based halogen bond donors
Kaasik, Mikk; **Kaabel, Sandra**; **Kriis, Kadri**; **Järving, Ivar**; **Kanger, Tõnis** Synthesis 2019 / p. 2128-2135 : ill https://doi.org/10.1055/s-0037-1610864

Synthesis of heterobicyclo[3.2.0]heptane derivatives via multicomponent cascade reaction = Heterobitsüklo[3.2.0]heptaanide süntees multikomponentse kaskaadreaktsiooniga
Ausmees, Kerti 2013 http://www.ester.ee/record=b3034700*est

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 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-secosterol
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-secosterols
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 triazole-based halogen-bond donors
Kaasik, Mikk; **Kriis, Kadri**; **Kaabel, Sandra**; **Kanger, Tõnis** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 81 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

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, characterisation and catalytic activity of enantiopure triazole based halogen bond donors = Enantiomeerselt puhaste triasooli-põhiste halogeensideme doonorite süntees, iseloomustamine ja katalüütiline aktiivsus
Kaasik, Mikk 2020 https://digikogu.taltech.ee/et/Item/4a5fa759-84c8-45b0-ade1-a1a887b8e91b

Synthesis, characterization and catalytic activity of enantiopure triazole-based halogen bond donors
Kaasik, Mikk; **Kaabel, Sandra**; **Metsala, Andrus**; **Peterson, Anna**; **Kriis, Kadri**; **Järving, Ivar**; **Aav, Riina**; Rissanen, Kari; Adamson, Jasper; **Kanger, Tõnis** GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 35 : ill http://fmtdk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf

Tallinna Tehnikaülikooli matemaatika-loodusteaduskonnast
Kanger, Tõnis Horisont 2012 / lk. 4 : portr

Tallinna tehnikaülikooli uus nägu
Oorn, Arvo; **Jervan, Gert**; **Listra, Enn**; **Kanger, Tõnis** Sirp 2017 / lk. 33-35 : portr http://www.sirp.ee/s1-artiklid/c21-teadus/tallinna-tehnikaulikooli-uus-nagu/

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

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; **Kostomarova, Diana**; **Matkevitš, 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-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

Total synthesis of vicine and convicine
Hunt, Kaarel Erik; Krišciunaite, Tiina; **Vilu, Raivo**; **Kanger, Tõnis** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 78 https://tftak.eu/foodbalt/assets/files/Foodbalt_Book_of_Abstracs.pdf

Tsükliliste 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

Tsüklobutanoonide oksüdatsioon Sharplessi modifitseeritud reagendiga
Kriis, Kadri; **Kanger, Tõnis**; **Paju, Anne**; **Pehk, Tõnis**; **Lopp, Margus** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 56

Tsüklopentaan-1,2-diooni asümmeetriline organokatalüütiline Michaeli liitumise/tsükliseerimise kaskaadreaktsioon alkülideenmalononitriilidele
Silm, Estelle; **Kanger, Tõnis** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 38 https://www.ester.ee/record=b5208044*est

Tunable chiral triazole-based halogen bond donors : assessment of donor strength in solution with nitrogen-containing acceptors
Peterson, Anna; **Kaasik, Mikk**; **Metsala, Andrus**; **Järving, Ivar**; Adamson, Jasper; **Kanger, Tõnis** RSC advances 2019 / p. 11718–11721 : ill https://doi.org/10.1039/c9ra01692a Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Two catalytic methods of an asymmetric wittig [2,3]-rearrangement
Ošeka, Maksim; **Kimm, Mariliis**; **Järving, Ivar**; **Lippur, Kristin**; **Kanger, Tõnis** The journal of organic chemistry 2017 / p. 2889-2897 : ill http://dx.doi.org/10.1021/acs.joc.6b02786

[2,3]-Wittig rearrangement as a formal asymmetric alkylation of α-branched ketones
Kimm, Mariliis; **Ošeka, Maksim**; **Kaabel, Sandra**; **Metsala, Andrus**; **Järving, Ivar**; **Kanger, Tõnis** Organic letters 2019 / p. 4976-4980 https://doi.org/10.1021/acs.orglett.9b01495 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

(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

Two-step synthesis of homochiral monoaminals of tricarbonylphtalaldehydechromium complex
Rose-Munch, F.; Gagliardini, V.; Perrotey, A.; Tranchier, J.-P.; Rose, E.; Mangeney, A.; **Kanger, Tõnis**; Vaissermann, J. J. Chem. Soc., Chem. Commun 1999 / p. 2061-2062

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

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

Uurija-professor Tõnis Kanger uurib spetsiifiliste rinnapiima kiudainete sünteesi
Kanger, Tõnis Mente et Manu 2022 / lk. 30-31 : fot https://www.ester.ee/record=b1242496*est

Wittig [2,3]-rearrangement as a formal asymmetric alkylation of α-branched cyclopentanones
Kimm, Mariliis; **Ošeka, Maksim**; **Kanger, Tõnis** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p http://fmtdk.ut.ee/teesid-2019/

Wittigi [2,3]-ümberasetusreaktsioon kui α-hargnenud tsüklopentanoonide formaalne asümmeetriline alküleerimismeetod
Kimm, Mariliis; **Ošeka, Maksim**; **Kanger, Tõnis** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 18 : ill

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