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

Alkylation of phenols and resorcinols
Lopušanskaja, Eleana; **Paju, Anne**; **Lopp, Margus** Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 114 https://ortus.rtu.lv/science/lv/publications/35091/attachments/7168

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 https://www.sciencedirect.com/science/article/pii/S095741660200589X

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 https://www.sciencedirect.com/science/article/pii/S0957416603003094

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 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 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 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 https://www.researchgate.net/publication/232406405_Asymmetric_synthesis_of_4'-C-benzyl-2'3'-dideoxynucleoside_analogues_from_3-benzyl-2-hydroxy-2-cyclopenten-1-one

Asymmetric synthesis of tertiary 2-substituted 5-oxotetrahyrofuran-2-carboxylic acids
Paju, Anne; **Oja, Karolin**; **Matkevitš, Katharina**; **Lumi, Priit**; **Järving, Ivar**; **Pehk, Tõnis**; **Lopp, Margus** Heterocycles 2014 / p. 981-995 : ill https://doi.org/10.3987/COM-13-S(S)28 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

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
https://www.sciencedirect.com/science/article/pii/S0040403912000767

A direct alkylation of resorcinols
Lopušanskaja, Eleana; **Paju, Anne**; **Järving, Ivar**; **Lopp, Margus** Synthetic communications 2023 / p. 1216-1226 : ill
https://doi.org/10.1080/00397911.2023.2214645 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 https://www.sciencedirect.com/science/article/abs/pii/S0040403997011027

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

Elavhõbeda sisaldus Eesti NSV rannikumere vees ja organismides
Ott, Roman; Jankovski, H.; **Kikas, Ülle**; **Lipre, Endla**; **Paju, Anne**; **Põder, Tõnis**; Žagel, K. Eesti NSV rannikumere kaitse : [artiklite kogumik] 1982 / lk. 93-101 https://www.ester.ee/record=b1233548*est

Enantiomeersete laktoonhapete katalüütiline asümmeetriline süntees
Paju, Anne; **Niidu, Allan**; **Lumi, Priit**; **Matkevitš, 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

Erinevate α-naftoolide süntees ja dearomatiseerimine
Larin, Anni; **Paju, Anne**; **Lopp, Margus** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 21 : ill

Heterogeneous platinum catalytic aerobic oxidation of cyclopentane-1,2-diols to cyclopentane-1,2-diones
Reile, Indrek; **Kalle, Sigrid**; Werner, Franz; **Järving, Ivar**; **Kudrjašova, Marina**; **Paju, Anne**; **Lopp, Margus** Tetrahedron 2014 / p. 3608-3613 : ill https://doi.org/10.1016/j.tet.2014.03.104 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 cuclopentane-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 https://doi.org/10.1002/qua.24619 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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

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 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

3'hüdroksü-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-bensüül-2,4-dihüdroksütsüklopent-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-hüdroksü-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-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

3-hüdroksümetüül-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

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

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

Negishi cross-coupling for the synthesis 1,2-cyclopentanediones : a short way to lycoperdic acid and its homoanalogue
Kostomarova, Diana; **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 / p. 81

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

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

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 cyclopentane-1,2-diones = Asendatud tsüklopentaan-1,2-dioonide oksüdeerimine
Oja, Karolin 2018 https://digi.lib.ttu.ee/i/?9923 https://www.ester.ee/record=b5050061*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

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

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

Rearrangement of 1,4-dihydroxy-2-cyclopentenes
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

Selective C-alkylation of substituted naphthols under non-aqueous conditions
Kooli, Anni; **Shalima, Tatsiana**; **Lopušanskaja, Eleana**; **Paju, Anne**; **Lopp, Margus** Tetrahedron 2021 / art. 132278, 8 p. : ill https://doi.org/10.1016/j.tet.2021.132278 Journal metics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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 https://doi.org/10.1016/j.tet.2014.06.037 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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 https://doi.org/10.1007/s10593-013-1206-4 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; **Kostomarova, 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 https://www.sciencedirect.com/science/article/abs/pii/S0040402009001914

Synthesis of 4'-substituted 2', 3'-dideoxynucleoside analogues = 4'-asendatud 2', 3'-dideoksünukleosiidi analoogide süstees
Jõgi, Artur 2008 https://www.ester.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
https://www.sciencedirect.com/science/article/pii/S0040402009001914

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

Synthesis of 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 cyclopetane 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 2010 / p. P0103

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
https://www.tandfonline.com/doi/pdf/10.1080/15257770.2010.501776

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

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** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014

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 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

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 https://doi.org/10.1016/j.tet.2015.10.014 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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

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-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

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

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

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