

A total conformational analysis of diastereomeric esters and calculation of their conformational shielding models
Tamp, Sven; Danilas, Kady; Kreen, Malle; Vares, Lauri; Kiirend, Ene; Vija, Sirje; Pehk, Tõnis; Parve, Omar; Metsala, Andrus
Journal of molecular structure : THEOCHEM 2008 / 1/3, p. 84-91 : ill
https://www.researchgate.net/publication/244272489_A_total_conformational_analysis_of_diastereomeric_esters_and_calculation_of_their_conformational_shielding_models

An advanced intermediate for the synthesis of 9,11-secoosterols
Jäälaid, Raissa; Järving, Ivar; Pehk, Tõnis; Lille, Ülo Proceedings of the Estonian Academy of Sciences. Chemistry 1998 / p. 39-43

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>

An NMR and MD modeling insight into nucleation of 1,2-alkanediols : selective crystallization of lipase-catalytically resolved enantiomers from the reaction mixtures
Parve, Omar; Reile, Indrek; Parve, Jaan; Kasvandik, Sergio; Kudrjašova, Marina; Tamp, Sven; Metsala, Andrus; Villo, Ly; Pehk, Tõnis; Jarvet, Jüri; Vares, Lauri Journal of organic chemistry 2013 / p. 12795-12801 : ill <https://doi.org/10.1021/jo402189e> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#) [Journal metrics at WOS](#)

An NMR spectroscopic investigation of functional group selectivity of lipase-catalysed reactions of 11-acetyl prostaglandins E1 and E2
Villo, Ly; Tamp, Sven; Vallikivi, Imre; Järving, Ivar; Pehk, Tõnis; Parve, Omar Proceedings of the 9th International Symposium on Biocatalysis and Biotransformations - (Biotrans 2009) Held in Bern, Switzerland 5-9 July 2009 2010 / p. 66

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 ¹³C-[2]- and ¹³C-[1,2] acetate in metabolic labelling studies of yeast and insect cells
Paalme, Toomas; Nisamedtinov, Ildar; Abner, Kristo; Laht, Tiiu-Maie; Drews, Monika; Pehk, Tõnis Antonie van Leeuwenhoek 2006 / 3/4, p. 443-457 <https://link.springer.com/article/10.1007/s10482-005-9053-7>

Aromaatsete isotsüanaatide intramolekulaarsel tsükliatsioonil tekkivate kõrvalproduktide eraldamine ja identifitseerimine
Schmidt, M.; Eek, Margus; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 156-157

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

Asümmeetriline induktsioon Aldool-Tištsenko reaktsioonil optiliselt aktiivsete binaftoolkatalüsaatoritega
Loog, O.; Mäeorg, U.; Pehk, Tõnis XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 68

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

Asymmetric induction in aldol-Tishchenko reaction with optically active binaphthol catalysts
Loog, O.; Mäeorg, U.; Pehk, Tõnis 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 77

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 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-alkyl-substituted 2-hydroxyglutaric acid [gamma]-lactones

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

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

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

Asymmetric synthesis of 2-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 novel C2-symmetric bimorpholines

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

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

Paju, Anne; Oja, Karolin; Matkevits, Katharina; Lumi, Priit; Järving, Ivar; Pehk, Tõnis; Lopp, Margus Heterocycles 2014 / p. 981-995 : ill [https://doi.org/10.3987/COM-13-S\(S\)28](https://doi.org/10.3987/COM-13-S(S)28) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bimorpholine as an organocatalyst for asymmetric aldol condensation

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

Bimorpholine-mediated enantioselective intramolecular and intermolecular aldol condensation

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

Bitsüklo[3.3.0]oktanooni derivaatide süntees

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

C2-symmetric 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

Carboxymethylated beta-cyclodextrin

Kreen, Malle; Kõstner, Ado; Pehk, Tõnis Biobalt'92 : Biotechnology in Estonia, Latvia and Lithuania : Tallinn, November 1992 : conference abstracts 1992 / p. 36

Catalytic asymmetric synthesis of g-lactone acids

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

Catalytic reduction of sterols

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

Changes in chemical structure of urea-formaldehyde condensates during synthesis

Siimer, Kadri; Pehk, Tõnis; Christjanson, Peep International Conferences on Polymer Characterization : POLYCHAR-7, January 5-8, 1999 & Short course, January 4, 1999, Denton, USA : program and book of abstracts 1999 / p. P-10

Changes in curing behaviour of aminoresins during storage

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis Journal of thermal analysis and calorimetry 2005 / p. 123-130 : ill
<https://link.springer.com/article/10.1007/s10973-005-0623-8>

Changes in curing behaviour of aminoresins during storage

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis ICTAC 13 : 13th International Congress on Thermal Analysis and Calorimetry : XXVI Conference AICAT-GICAT : Chia Laguna, September 12-19, 2004 : book of abstracts 2004 / p. 85
<https://link.springer.com/article/10.1007/s10973-005-0623-8>

Characterisation of ageing of melamine-formaldehyde resins by NMR spectroscopy

Siimer, Kadri; Pehk, Tõnis; Suurpere, Aime Nordic Polymer Days 2000 : Helsinki, 24-26 May 2000 2000 / [1] p

Characterization of urea-formaldehyde condensation by ¹³C NMR spectroscopy

Siimer, Kadri; Pehk, Tõnis; Christjanson, Peep Stambiamolekuliū junginių chemija ir technologija = Polymer chemistry and technology : konferencijos pranešimų medžiaga 1999 / p. 61-66: ill

Chemical structure of melamine-formaldehyde resins

Pehk, Tõnis; Christjanson, Peep; Siimer, Kadri Polychar World Forum on Polymer Applications and Theory : POLYCHAR-9, January 9-12, 2001 & short course January 8, 2001, University of North Texas, Denton, USA : program and book of abstracts 2001 / p. P-70

Chemical versus enzymatic acetylation of [alfa]-bromo-[omega]-hydroxyaldehydes : decyclization of hemiacetals by lipase

Villo, Ly; Metsala, Andrus; Parve, Omar; Pehk, Tõnis Tetrahedron letters 2002 / p. 3203-3207
https://www.academia.edu/17112413/Chemical_versus_enzymatic_acetylation_of_%CE%B1_bromo_%CF%89_hydroxyaldehydes_decyclization_of_hemiacetals_by_lipase

A chemoenzymatic stereoselective synthesis of deoxy sugar esters of amino acids

Villo, Ly; Pehk, Tõnis; Parve, Omar Program and abstracts : BOS 2010 International Conference on Organic Synthesis : Riga, Latvia, June 27-30, 2010 2010 / p. ?

A chemoenzymatic synthesis of a deoxy sugar ester of N-Boc-protected L-tyrosine

Villo, Ly; Kreen, Malle; Kudrjašova, Marina; Metsala, Andrus; Tamp, Sven; Lille, Ülo; Pehk, Tõnis; Parve, Omar Practical methods for biocatalysis and biotransformations. 2 2012 / p. 335-339
<https://www.sciencedirect.com/science/article/pii/S1381117710002511>

Colloid food additives from red and brown algae of the Baltic Sea : structure and rheology

Vaher, Merike; Truus, Kalle; Menert, Anne; Pehk, Tõnis 1st Nordic-Baltic Meeting on Surface and Colloid Science : August 21-25, 1999, Vilnius, Lithuania : program and abstracts 1999 / p. 77

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

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

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

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

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

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

Complex investigation of composition of the brown alga *Fucus vesiculosus* (The Baltic Sea) by different instrumental methods

Vaher, Merike; Truus, Kalle; **Koel, Mihkel**; **Pehk, Tõnis**; Taure, Imants; **Viitak, Anu** IMA'03 : 3rd International Conference : Instrumental Methods of Analysis Modern Trends and Applications : 23-27 September 2003, Thessaloniki, Greece : conference proceedings 2003 / p. 238-240 : ill

Composition and structure of summary polysaccharide from the red alga *Furcellaria lumbricalis*

Vaher, Merike; Truus, Kalle; Taure, Imants; Leito, Ivo; Lahe, Lilja; **Kallavus, Urve**; **Pehk, Tõnis** Proceedings of the Estonian Academy of Sciences. Chemistry 1998 / 2, p. 51-59: ill

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

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

Crucial gel-forming processes of red algal galactans [Electronic resource]

Tuvikene, Rando; Truus, Kalle; **Volobujeva, Olga**; **Mellikov, Enn**; **Pehk, Tõnis** World Polymer Congress : 41st International Symposium on Macromolecules : MACRO 2006 : 16-21 July 2006, Rio de Janeiro, Brazil 2006 / [CD-ROM]

Cure-accelerated phenol-formaldehyde resins

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep**; **Pehk, Tõnis**; Saks, Imre Kemian Päivat = Kemidagarna = Finnish Chemical Congress : 27.-29.3.2007 : abstraktid = abstracts 2007 / p. 38

Curing behaviour of resol phenol-formaldehyde resins

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep**; **Pehk, Tõnis**; Saks, Imre Baltic Polymer Symposium 2007 : Druskininkai, Lithuania, September 19-21, 2007 : programme and book of abstracts 2007 / p. 131

Curing behaviour of urea-modified phenol-formaldehyde resin

Siimer, Kadri; **Süld, Tiia-Maaja**; **Kaljuvee, Tiit**; **Christjanson, Peep**; **Pehk, Tõnis** Book of abstracts of the Polymer Processing Society 9th Annual Meeting PPS-09 : Larnaca, Cyprus, October 18-21, 2009 2009 / p. P-190

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

Determination of isotope effects on acid-base equilibria by ¹³C NMR spectroscopy

Pehk, Tõnis; Kiirend, E.; **Lippmaa, Endel**; Ragnarsson, U.; Grehn, L. Journal of the Chemical Society. Perkin transactions 1997 / 2, p. 445-450

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

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>

Eesti karbamiidvaigud

Siimer, Kadri; Saks, Imre; **Christjanson, Peep**; **Pehk, Tõnis**; **Suurpere, Aime**; **Kaljuvee, Tiit** XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 101-102

Effect of alkylresorcinols on curing behaviour of phenol-formaldehyde resins

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep**; **Pehk, Tõnis**; Saks, Imre ESTAC 9 : 9th European Symposium on Thermal Analysis and Calorimetry : 27-31 August 2006, Krakow, Poland : [book of abstracts] 2006 / p. 165

Effect of alkylresorcinols on curing behaviour of phenol-formaldehyde resol resin

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Saks, Imre Journal of thermal analysis and calorimetry 2008 / 2, p. 365-373 : ill <https://link.springer.com/article/10.1007/s10973-007-8449-1>

Effect of alkylresorcinols on curing behaviour of phenol-formaldehyde resol resin

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Saks, Imre Journal of thermal analysis and calorimetry 2007 / [9] p. : ill

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

Ekstraktsioon ja keemiline töötlus kõrgekvaliteetsete karraginaanide saamiseks

Tuvikene, Rando; Robal, Marju; Ikart, A.-L.; Truus, K.; **Mellikov, Enn; Pehk, Tõnis** XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 169-170

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 <https://doi.org/10.1055/s-0034-1378374> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Endel Lippmaa 70

Pehk, Tõnis Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2000 / p. 193-195

Endoperoxide pathway in prostaglandin biosynthesis in the soft coral *Gersemia fruticosa*

Varvas, Külliki; Koljak, Reet; **Järving, Ivar; Pehk, Tõnis;** Samel, Nigulas Tetrahedron letters 1994 / 44, p. 8267-8270

Ergosterooli muundamine 9,11-secosteroolide saamiseks

Jäälaid, Raissa; **Veressinina, Jelena; Järving, Ivar; Pehk, Tõnis; Lille, Ülo** XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 37

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

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

Etüleendiamiin (EDA) tuumaga polüamidoamiin (PAMAM) dendrimeeride erinevate põlvkondade analüüs MALDI-TOF MS, CZE ja ¹³C NMR meetoditega

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

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

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

First partial synthesis of 9,11-secosterols with the modified side chain

Jäälaid, Raissa; **Järving, Ivar; Pehk, Tõnis; Lille, Ülo** Proceedings of the Estonian Academy of Sciences. Chemistry 1998 / 4, p. 196-199 https://artiklid.elnet.ee/record=b2308819*est

Fragmentation of PAMAM dendrimers in methanol

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

General approach to measurements of pKa differences by C NMR spectroscopy

Pehk, Tõnis; Kiirend, E.; **Lippmaa, Endel;** Ragnarsson, U. Journal of the Chemical Society. Perkin transactions 1996 / 2, p. 2351-2367

Hydroxymethylation and polycondensation reactions in urea-formaldehyde resin synthesis

Christjanson, Peep; Pehk, Tõnis; Siimer, Kadri Journal of applied polymer science 2006 / p. 1673-1680 : ill https://www.researchgate.net/publication/230275426_Hydroxymethylation_and_polycondensation_reactions_in_urea-formaldehyde_resin_synthesis

Industrial exploitation of the algal stratum from Kassari Bay (the Baltic Sea, Estonia)

Vaher, M.; Truus, Kalle; **Sarapuu, M.; Pehk, Tõnis**; Kukk, H.; Kollist, A. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 158

Inglise-eesti-vene keemia sõnaraamat

1998 https://www.ester.ee/record=b1190326*est

Intramolecular SN1 ring-opening reaction of oxirane

Martin, Ivar; Aav, Riina; Pehk, Tõnis; Claesson, Alf 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 44

Investigation of kukersite structure using NMR and oxidative cleavage : on the nature of phenolic precursors in the kerogen of Estonian kukersite

Lille, Ülo; Heinmaa, I.; **Müürisepp, Aleksander-Mati; Pehk, Tõnis** Oil shale 2002 / 2, p. 101-116 : ill

https://www.researchgate.net/publication/288156758_Investigation_of_kukersite_structure_using_NMR_and_oxidative_cleavage_On_the_nature_of_phenolic_precursors_in_the_kerogen_of_Estonian_kukersite

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](#)

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

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

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

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

2-metüülasedatud allüül derivaatide süntees

Lääts, K.; Pehk, Tõnis; Schmidt, M.; Heinväli, M. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 76-78: ill

2-metüül-pentaan-2,4-diooli dehüdratatsioon

Lääts, K.; Pehk, Tõnis XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 75-76

Kaugmõju efektid karboksüülhapete ja nende derivaatide ¹³C TMR spektrites

Pehk, Tõnis XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 101

Keemianomenklatuur

Tuulmets, Ants 2000

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

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

3-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

Käeliste tetrahüdrofuraani analoogide süntees

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

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

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

Lipase-catalysed acylation of prostanoids

Parve, Omar; **Järving, Ivar; Martin, Ivar; Metsala, Andrus; Vallikivi, Imre; Aidnik, Madis; Pehk, Tõnis;** Samel, Nigulas Bioorganic & medicinal chemistry letters 1999 / p. 1853-1858: ill

Lipase-catalysed enantioselective hydrolysis : interpretation of the kinetic results in terms of frontier orbital localisation

Parve, Omar; **Vallikivi, Imre;** Metsala, Andrus; **Lille, Ülo;** Tõugu, Vello; Sikk, Peeter; **Käämbre, Tuuli;** Vija, Heiki; **Pehk, Tõnis** Tetrahedron 1997 / 13, p. 4889-4900

Lipase-catalysed enantioselective hydrolysis of bicyclo[3.2.0]heptanol esters in supercritical carbon dioxide

Parve, Omar; **Vallikivi, Imre;** Lahe, Lilja; Metsala, Andrus; **Lille, Ülo;** Tõugu, Vello; Vija, Heiki; **Pehk, Tõnis** Bioorganic & medicinal chemistry letters 1997 / 7, p. 811-816

Lipase-catalysed regioselective acylation/deacylation of prostanoids

Vallikivi, Imre; Järving, Ivar; Metsala, Andrus; **Pehk, Tõnis;** Parve, Omar International Conference on Organic Synthesis : Vilnius, 2000, June 26-29 : program and abstracts 2000 / p. [82]

Läänemere vetikaplasi töenduslik kasutamine

Vaher, M.; Truus, Kalle; **Sarapuu, M.; Pehk, Tõnis;** Kukk, H.; Kollist, A. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 150

Manufacture of particleboards using melamine-urea-formaldehyde resins

Siimer, Kadri; Pehk, Tõnis; Kaljuvee, Tiit; Lasn, Ilmar; Peterson, Aleksander Polimeru chemija, fizika ir tehnologija = Polymer chemistry, physics and technology : konferencijos pranešimu medžiaga 2000 / p. 47-50 : ill

Manufacturing and characterisation of Estonian urea-formaldehyde resins

Siimer, Kadri; Christjanson, Peep; Kaljuvee, Tiit; Suurpere, Aime; Pehk, Tõnis; Saks, Imre; Lasn, Ilmar Scientific proceedings of Riga Technical University. Serija 1, Material science and applied chemistry 2007 / p. 48-55

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

Melamiinformaldehüüd-immutusvaigud

Siimer, Kadri; Pehk, Tõnis; Vetik, Ü.; **Suurpere, Aime** XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 133-134

Melamiin-karbamiid-formaldehüüdvaikude kõvenemisprotsessi uurimine

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Lasn, Ilmar; Saks, Imre XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 151-152

Melamine-urea-formaldehyde resins for particleboards

Siimer, Kadri; Pehk, Tõnis; Lasn, Ilmar; Peterson, Aleksander Nordic Polymer Days 1999 : Copenhagen, 31. May - 2. June 1999 1999 / p. P9

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

https://www.researchgate.net/publication/228068775_OXIDATION_OF_SUBSTITUTED_BICYCLO440DECEN-3-ONES

Molecular model of Estonian kukersite kerogen evaluated by ¹³C MAS NMR spectra

Lille, Ülo; Heinmaa, I.; **Pehk, Tõnis** Fuel 2003 / p. 799-804 : ill <https://www.sciencedirect.com/science/article/pii/S0016236102003587>

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

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

4'-bensüül-asendatud nukleosiidi analoogide süntees

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

4-metüül-5,6-dekaandiooni süntees

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

New cytotoxic sterols from the soft coral *Gersemia fruticosa*

Koljak, Reet; Lopp, Annika; Pehk, Tõnis; Varvas, Külliki; Müürisepp, Aleksander-Mati; Järving, Ivar; Samel, Nigulas Tetrahedron 1998 / p. 179-186

NMR monitoring of lipase-catalyzed reactions of prostaglandins : preliminary estimation of reaction velocities

Vallikivi, Imre; Järving, Ivar; Pehk, Tõnis; Samel, Nigulas; Tõugu, Vello; Parve, Omar Journal of molecular catalysis B : enzymatic 2004 / p. 15-19 : ill

A novel diastereoselective multicomponent cascade reaction

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

A novel 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 <https://pubs.acs.org/doi/10.1021/ol1005714>

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

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

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. 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 11th European Symposium on Organic Chemistry : Göteborg, Sweden, July 23-28, 1999 : programme and abstracts 1999 / p. P102

Oxidation of cyclopentanediones

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

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

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

PGG2 as a key intermediate in prostaglandin biosynthesis in the coral *Gersemia fruticosa*

Samel, Nigulas; **Varvas, Külliki**; Koljak, Reet; **Pehk, Tõnis; Järving, Ivar** 9th International Conference on Prostaglandins and Related Compounds, Florence, Italy, 1994 : abstract book 1994 / p. 135

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

Järving, Ivar; Valmsen, Karin; **Lille, Ülo**; Lopp, Margus; **Pehk, Tõnis**; Samel, Nigulas XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 61-62
https://www.ester.ee/record=b1070511*est

Prediction and assignment of coupling constants of diastereomeric cyclopentane derivatives

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

Preparation of highly enantiopure stereoisomers of 1-(2,6-dimethylphenoxy)-2-aminopropane (mexiletine)

Aav, Riina; Parve, Omar; **Pehk, Tõnis**; Claesson, Alf; **Martin, Ivar** Tetrahedron : asymmetry 1999 / p. 3033-3038
<https://www.sciencedirect.com/science/article/abs/pii/S0957416699003110>

Prostaglandiinide biosüntees korallides

Samel, Nigulas; **Järving, Ivar; Varvas, Külliki; Koljak, Reet; Pehk, Tõnis** Eesti Teaduste Akadeemia aastaaruanne 1994 1995 / lk. 54-55

Prostaglandiinide biosüntees korallides

Samel, Nigulas; **Varvas, Külliki; Koljak, Reet; Järving, Ivar; Pehk, Tõnis** XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 125-127

Prostanoidide reaktsioonid ja molekulaarmodelleerimine *Candida antarctica* lipaas B aktiivtsentris

Vallikivi, Imre; Pehk, Tõnis; Fransson, Linda; Hult, Karl; Parve, Omar XXVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 26th Estonian Chemistry Days : abstracts of scientific conference 2000 / lk. 155-156

Pruunvetikate *Fucus vesiculosus* ja neist eraldatud alginaatide kompleksuuring

Truus, Kalle; **Vaher, Merike**; Saal, K.; Lõhmus, A.; **Pehk, Tõnis** XXVIII Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 28th Estonian Chemistry Days : abstracts of scientific conference 2002 / lk. 145

Quantum chemical evaluation of the yield of hydroxybenzophenones in the Fries rearrangement of hydroxyphenyl benzoates

Metsala, Andrus; Usin, Eve; Vallikivi, Imre; Villo, Ly; Pehk, Tõnis; Parve, Omar Journal of molecular structure : THEOCHEM 2004 / p. 215-221 : ill <https://www.sciencedirect.com/science/article/pii/S016612800400750X>

Rearrangement of 1,4-dihydroxy-2-cyclopentenones

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

Red algal galactans: nature-reserving isolation, analysis and possible applications in nanotechnology

Tuvikene, Rando; Truus, Kalle; **Kallavus, Urve; Vaher, Merike; Pehk, Tõnis** Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry : 1-5 June 2005, Tallinn, Estonia : abstract book 2005 / p. 120 : ill

Regio- and stereoselective synthesis of chiral dihydroxyketones

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

Remote activation of the nucleophilicity of isatin

Žari, Sergei; Kudrjašova, Marina; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis Organic letters 2014 / p. 1740-1743 : ill
<https://doi.org/10.1021/ol500421k> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Resool-tüüpi fenool-formaldehüüdvaikude struktuuri tekkemehhanismi uurimine leelise sisalduse muutumisel

Paju, Jane; Pehk, Tõnis; Christjanson, Peep XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry

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>

Short synthesis of novel 9,11-secosterols
Jäälaid, Raissa; Järving, Ivar; Pehk, Tõnis; Parve, Omar; Lille, Ülo Natural product letters 2001 / 4, p. 221-228
<https://www.tandfonline.com/doi/abs/10.1080/10575630108041285>

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-cyclopentanediois 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](#)

Structural and compositional characteristics of gelling galactan from the red alga Ahnfeltia tobuchiensis (Ahnfeltiales, the sea of Japan)
Truus, Kalle; Tuvikene, Rando; Vaher, Merike; Kailas, Tiiu; Toomik, Peeter; Pehk, Tõnis Carbohydrate polymers 2005 / [6] p. : ill. [ilmumas?]
https://www.researchgate.net/publication/229420426_Structural_and_compositional_characteristics_of_gelling_galactan_from_the_red_alga_Ahnfeltia_tobuchiensis_Ahnfeltiales_the_Sea_of_Japan

Structural and compositional characteristics of gelling galactan from the red alga Ahnfeltia tobuchiensis (Ahnfeltiales, the Sea of Japan)
Truus, Kalle; Tuvikene, Rando; Vaher, Merike; Kailas, Tiiu; Toomik, Peeter; Pehk, Tõnis Carbohydrate polymers 2006 / p. 130-135 : ill https://www.sciencedirect.com/translate/goog/science/article/abs/pii/S0144861705003759?_x_tr_sl=en&_x_tr_tl=et&_x_tr_hl=et&_x_tr_pto=sc

Structural changes in melamine - formaldehyde resins during storage
Siimer, Kadri; Suurpere, Aime; Pehk, Tõnis Polimeru chemija, fizika ir tehnologija = Polymer chemistry, physics and technology : konferencijos pranešimu medžiaga 2000 / p. 51-54 : ill

Structural changes in urea-formaldehyde resins during storage
Christjanson, Peep; Siimer, Kadri; Pehk, Tõnis; Lasn, Ilmar Holz als Roh- und Werkstoff 2002 / p. 379-384

Structural changes of starch during baking and staling of rye bread
Mihhalevski, Anna; Heinmaa, Ivo; Traksmaa, Rainer; Pehk, Tõnis; Mere, Arvo; Paalme, Toomas Journal of agricultural and food chemistry 2012 / p. 8492-8500 : ill <https://pubs.acs.org/doi/10.1021/jf3021877>

Structural constraints for C2-symmetric heterocyclic organocatalysts in asymmetric aldol reactions
Laars, Marju; Kriis, Kadri; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Kanger, Tõnis; Lopp, Margus Tetrahedron : asymmetry 2008 / p. 641-645 https://www.researchgate.net/publication/244242681_Structural_constraints_for_C_2-symmetric_heterocyclic_organocatalysts_in_asymmetric_aldol_reactions

Structural deviations in poly(amidoamine) dendrimers : a MALDI-TOF MS analysis
Peterson, Janek; Allikmaa, Veiko; Subbi, J.; Pehk, Tõnis; Lopp, Margus European polymer journal 2003 / p. 33-42 : ill <https://www.sciencedirect.com/science/article/abs/pii/S001430570200188X>

Structuration process of urea-formaldehyde resins during storage
Christjanson, Peep; Siimer, Kadri; Pehk, Tõnis POLYCHAR World Forum on Polymer Applications and Theory : POLYCHAR-10, January 8-11, 2002 & Short Course, January 7, 2002 : program and book of abstracts 2002 / p. 85

Structure and curing mechanism of resol phenol-formaldehyde prepolymer resins
Christjanson, Peep; Pehk, Tõnis; Paju, Jane Proceedings of the Estonian Academy of Sciences 2010 / 3, lk. 225-232 : ill

Structure and thermal stability of pyruvated carrageenans from the red alga Coccotylus truncatus
Tuvikene, Rando; Truus, Kalle; Robal, Marju; Pehk, Tõnis; Kailas, Tiiu; Vaher, Merike; Paalme, Tiina Carbohydrate research 2009 / p. 788-794 : ill <https://www.sciencedirect.com/science/article/pii/S0008621509000366>

Structure formation in urea-formaldehyde resin synthesis

Christjanson, Peep; Pehk, Tõnis; Siimer, Kadri Proceedings of the Estonian Academy of Sciences. Chemistry 2006 / 4, p. 212-225 : ill

Structure of modern urea-formaldehyde resins

Siimer, Kadri; Pehk, Tõnis; Pihlapuu, U. 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 67

Structure of phenol-formaldehyde polycondensates

Paju, Jane; Pehk, Tõnis; Christjanson, Peep Proceedings of the Estonian Academy of Sciences 2009 / 1, p. 45-52

Structure of polycondensates from hydroxymethylphenols

Christjanson, Peep; Pehk, Tõnis; Siimer, Kadri; Paju, Jane Journal of applied polymer science 2008 / 2, p. 1226-1234 : ill
https://www.researchgate.net/publication/243894123_Structure_of_polycondensates_from_hydroxymethylphenols

Structure of polycondensates from hydroxymethylphenols

Christjanson, Peep; Pehk, Tõnis; Siimer, Kadri; Paju, Jane Journal of applied polymer science 2007 / 2, p. 1226-1234

Studies on the structure of melamine-formaldehyde condensates by ¹³C NMR spectroscopy

Siimer, Kadri; Pehk, Tõnis; Christjanson, Peep Abstracts of Finnish Chemical Congress and Exhibition 2000 / p. 16

Study of the structural changes in urea-formaldehyde condensates during synthesis

Siimer, Kadri; Pehk, Tõnis; Christjanson, Peep Macromolecular symposia 1999 / December, 7th International Conference on Polymer Characterization (POLYCHAR-7), p. 149-156 : ill

Suurendatud niiskuskindlusega puitlaastplaatide valmistamine

Siimer, Kadri; Pehk, Tõnis; Kaljuvee, Tiit; Lasn, Ilmar; Peterson, Aleksander XXV Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 25th Estonian Chemistry Days : abstracts of scientific conference 1999 / lk. 160-161

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

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

Synthesis and 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 <https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-2005-916025>

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

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

Synthesis and quantitative analysis of diastereomeric linked ester conjugates with remote stereocenters using high field NMR and chiral HPLC

Doyle, Eva; Parve, Jaan; Kudrjašova, Marina; Tamp, Sven; Müürisepp, Aleksander-Mati; Villo, Ly; Vares, Lauri; Pehk, Tõnis; Parve, Omar Chirality 2013 / p. 793-798 : ill <https://doi.org/10.1002/chir.22217> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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 (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, Tiit; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus

Synthesis of 3,4-dideoxy ribose esters: a novel chemoenzymatic approach to synthesis of activated, extended-chain glycoconjugates

Villo, Ly; Danilas, Kady; Metsala, Andrus; Pehk, Tõnis; Parve, Omar International Conference on Organic Synthesis : Tallinn, Estonia, June 25-29, 2006 : program and abstracts 2006 / p. 164

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 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

Jõgi, Artur; Paju, Anne; Pehk, Tõnis; Lopp, Margus Balticum Organicum Synthetium : 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 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 antithrombotic diamine

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

Synthesis of bensofuroxan-4-carboxylic acid

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

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

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

Synthesis of chiral C2-symmetric bisaziridines

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

Synthesis of chiral enantioenriched tetrahydrofuran derivatives

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

Synthesis of chiral epoxyalkynes

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

Synthesis of chiral FHF-analogues

Niidu, Allan; Kislitsõn, Konstantin; Paju, Anne; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus Balticum Organicum Synthetium : 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 deoxy sugar esters : a chemoenzymatic stereoselective approach affording deoxy sugar derivatives also in the form of aldehyde

Villo, Ly; Danilas, Kady; Metsala, Andrus; Kreen, Malle; Vallikivi, Imre; Vija, Sirje; Pehk, Tõnis; Luciano, Saso; Parve, Omar Journal of organic chemistry 2007 / p. 5813-5816 <https://pubs.acs.org/doi/10.1021/jo062640b>

A synthesis of deoxy sugar esters. Stereoselective acetylation of hemiacetals by CALB

Villo, Ly; Metsala, Andrus; Tamp, Sven; Pehk, Tõnis; Parve, Omar Biotrans 2011 : Itaalia, Giardini Naxos, 02.-05.10.2011 2011

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

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

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

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

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

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

Synthesis of novel acyclic nucleoside analogues

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

Synthesis of novel acyclic nucleoside analogues with anti-retroviral activity

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

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

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 9,11-secosterol from ergosterol

Jäälaid, Raissa; Pehk, Tõnis; Lille, Ülo 24th Estonian Chemistry Days : abstracts of scientific conference 1998 / p. 24

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 https://www.researchgate.net/publication/228068773_Synthesis_of_the_AB-Ring_of_911-Secosterols

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 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

TG-DTA study of melamine-urea-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Lasn, Ilmar; Saks, Imre Book of abstracts : MEDICTA 2007 : the 8th Mediterranean Conference on Calorimetry and Thermal Analysis : September 25th - September 29th, 2007, Palermo, Italy 2007 / p. 180 <https://link.springer.com/content/pdf/10.1007/s10973-007-8721-4.pdf>

TG-DTA study of melamine-urea-formaldehyde resins

Siimer, Kadri; Christjanson, Peep; Kaljuvee, Tiit; Pehk, Tõnis; Lasn, Ilmar; Saks, Imre Journal of thermal analysis and calorimetry 2008 / 1, p. 19-27 : ill <https://link.springer.com/article/10.1007/s10973-007-8721-4>

The addition of sulfur dichloride to bicyclo[2.2.1]hept-2-ene and to bicyclo[2.2.2]oct-2-ene

Bobylova, A.A.; Anfilogova, S.N.; Belikova, N.A.; Pehk, Tõnis; Anisimov, A.V. Sulfur letters 1999 / 2, p. 51-55

The extraction, structure, and gelling properties of hybrid galactan from the red alga Furcellaria lumbricalis (Balti Sea, Estonia)

Tuvikene, Rando; Truus, Kalle; Robal, Marju; Volobujeva, Olga; Mellikov, Enn; Pehk, Tõnis; Kollist, Andres; Kailas, Tiiu; Vaher, Merike Journal of applied phycology 2009 / [13] p.: ill <https://link.springer.com/article/10.1007/s10811-009-9425-x>

The extraction, structure, and gelling properties of hybrid galactan from the red alga Furcellaria lumbricalis (Baltic Sea, Estonia)

Tuvikene, Rando; Truus, Kalle; Robal, Marju; Volobujeva, Olga; Mellikov, Enn; Pehk, Tõnis; Kollist, Andres; Kailas, Tiiu; Vaher, Merike Journal of applied phycology 2010 / p. 51-63 : ill <https://link.springer.com/article/10.1007/s10811-009-9425-x>

The modelling and kinetic investigation of the lipase-catalysed acetylation of stereoisomeric prostaglandins

Vallikivi, Imre; Fransson, Linda; Hult, Karl; Järving, Ivar; Pehk, Tõnis; Samel, Nigulas; Tõugu, Vello; Villo, Ly; Parve, Omar
Journal of molecular catalysis B : enzymatic 2005 / p. 62-69 : ill

The origin of 15R-prostaglandins in the Caribbean coral *Plexaura homomalla* : molecular cloning and expression of a novel cyclooxygenase

Valmsen, Karin; Järving, Ivar; Boeglin, William E.; Varvas, Külliki; Koljak, Reet; Pehk, Tõnis; Brash, Alan R.; Samel, Nigulas
Proceedings of the National Academy of Sciences of the United States of America 2001 / 14, p. 7700-7705
<https://www.pnas.org/doi/full/10.1073/pnas.131022398>

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

The tetrahydropyranyl-protected mandelic acid : a novel versatile chiral derivatising agent

Parve, Omar; Aidnik, Madis; Lille, Ülo; Martin, Ivar; Vallikivi, Imre; Vares, Lauri; Pehk, Tõnis Tetrahedron : asymmetry 1998 / p. 885-896 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0957416698000536>

The use of long range effects in ¹³C NMR spectra of carboxylic acids and their derivatives

Pehk, Tõnis 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 111

Thermal behaviour of hydroxymethyl compounds as models for adhesive resins

Siimer, Kadri; Christjanson, Peep; Kaljuvee, Tiit; Pehk, Tõnis; Saks, Imre Journal of thermal analysis and calorimetry 2009 / p. 459-466 : ill <https://link.springer.com/article/10.1007/s10973-009-0218-x>

Thermal behaviour of hydroxymethyl compounds as models for adhesive resins [Electronic resource]

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis; Saks, Imre 14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14-18, 2008, Sao Pedro, Brazil 2008 / p. D-06 [CD-ROM] <https://link.springer.com/article/10.1007/s10973-009-0218-x>

Thermal behaviour of melamine-modified urea-formaldehyde resins

Siimer, Kadri; Kaljuvee, Tiit; Pehk, Tõnis; Lasn, Ilmar Journal of thermal analysis and calorimetry 2010 / 3, p. 755-762 : ill <https://akjournals.com/view/journals/10973/99/3/article-p755.xml>

Thermal behaviour of melamine-urea-formaldehyde resins

Siimer, Kadri; Süld, Tiia-Maaja; Christjanson, Peep; Kaljuvee, Tiit; Pehk, Tõnis; Lasn, Ilmar XXVIII National Conference on Calorimetry, Thermal Analysis and Chemical Thermodynamics : Milan, Italy, December 11-15, 2006 2006 / p. 90

Thermal behaviour of stored aminoresins

Siimer, Kadri; Kaljuvee, Tiit; Christjanson, Peep; Pehk, Tõnis Programme and proceedings of Baltic Polymer Symposium 2004 : Kaunas, November 24-26, 2004 2004 / p. 86

Thermomyces lanuginosus lipase with closed lid catalyzes elimination of acetic acid from 11-acetyl-prostaglandin E2

Villo, Ly; Metsala, Andrus; Tamp, Sven; Parve, Jaan; Vallikivi, Imre; Järving, Ivar; Nigulas, Samel; Lille, Ülo; Pehk, Tõnis; Parve, Omar ChemCatChem 2014 / p. 1998-2010 : ill <https://doi.org/10.1002/cctc.201400019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Titanium(IV) acetylacetonate xerogels for processing titania films : structure and thermal analysis [Electronic resource]

Oja Acik, Ilona; Madarasz, Janos; Heinamaa, Ivo; Pehk, Tõnis; Tõnsuaadu, Kaia; Krunks, Malle; Pokol, György; Niinistö, Lauri 14th International Congress on Thermal Analysis and Calorimetry . VI Brazilian Congress on Thermal Analysis and Calorimetry : September 14-18, 2008, Sao Pedro, Brazil 2008 / p. OP-C06 [CD-ROM] <https://link.springer.com/article/10.1007/s10973-008-9647-1>

Transformation of ergosterol towards 9,11-secosterols

Jäälaid, Raissa; Veressinina, Jelena; Järving, Ivar; Pehk, Tõnis; Lille, Ülo 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 42

Tromboksaan A2 w-küllastatud 7-bitsüklo[2.2.1]heptaan-analoogide süntees

Paju, Anne; Pehk, Tõnis; Lopp, Margus XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 101-103

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 reagentiga

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

(2'-5')-oligoadenylate synthetase in marine sponge : identification of its reaction products

Kuuskalu, Anne; Subbi, J.; **Pehk, Tõnis**; Reintamm, Tõnu; Müller, W.E.G.; **Kelve, Merike** European journal of biochemistry 1998 / p. 420-426

(2'-5')-oligoadenylate system in marine sponges

Kuuskalu, Anne; Subbi, J.; **Pehk, Tõnis**; Reintamm, Tõnu; **Kelve, Merike** European cytokine network 1998 / p. 326

(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

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
<https://www.tandfonline.com/doi/full/10.1080/10426500590885309>

Universaalne ¹³C TMR spektroskoopiaal baseeruv meetod orgaaniliste hapete dissotsiatsioonikonstantide võrdlevaks määramiseks = An universal ¹³C NMR method for the comparative analysis of acid-base equilibria

Pehk, Tõnis XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 145-146 https://www.ester.ee/record=b1070511*est

Urea-formaldehyde resins for low formaldehyde emission particleboards

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep**; **Pehk, Tõnis**; Lasn, Ilmar; Saks, Imre PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15-19, 2008, Salerno, Italy : book of abstracts 2008 / p. II.478

Urea-formaldehyde resins for low formaldehyde emission particleboards [Electronic resource]

Siimer, Kadri; **Kaljuvee, Tiit**; **Christjanson, Peep**; **Pehk, Tõnis**; Lasn, Ilmar; Saks, Imre PPS-24 : The Polymer Processing Society 24th Annual Meeting : June 15-19, 2008, Salerno, Italy : program and proceedings 2008 / [7] p. : ill. [CD-ROM]

Urea-formaldehyde resins in Estonia : manufacturing and characterisation

Siimer, Kadri; **Christjanson, Peep**; **Pehk, Tõnis**; **Kaljuvee, Tiit**; **Suurpere, Aime**; O'Brock, D.; Saks, Imre; Lasn, Ilmar Baltic Polymer Symposium 2006 : September 20-22, 2006 : programme and proceedings 2006 / p. 83

Uued tsütotoksilised 15-oksoprostaglandiinid : süntees ja antiproliferatiivne aktiivsus inimese leukeemia K562 rakuliinil

Lopp, Annika; Paju, Anne; **Pehk, Tõnis**; Lopp, Margus XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 67-70

Uued tsütotoksilised steroidid korallist *Gersemia fruticosa* = New cytotoxic sterols from the soft coral *Gersemia fruticosa*

Koljak, Reet; Lopp, Annika; **Pehk, Tõnis**; **Varvas, Külliki**; **Järving, Ivar**; Samel, Nigulas XVII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 17th Estonian Chemistry Days : abstracts of scientific conference 1996 / lk. 81-82
https://www.ester.ee/record=b1070511*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

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

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

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

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

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

О химическом составе поликонденсатов резорцина и 5-метилрезорцина с N-оксиметилкапролактамом

Lippmaa, Helle; Pehk, Tõnis; Christjanson, Peep Республиканская научная конференция "Фенолформальдегидные смолы и клеи на их основе" : тезисы докладов 1977 / с. 12-14 https://www.ester.ee/record=b1301009*est

Поликонденсация резорцина и 5-метилрезорцина с формальдегидом в присутствии реагентов, модифицирующих скорость реакции

Lippmaa, Helle; Pehk, Tõnis; Alla, M. Международный симпозиум по макромолекулярной химии = International symposium on macromolecular chemistry, СССР, Ташкент, 17-21 окт. 1978 г. Т. 3 1978 / с. 64-65