

**Alleenoksiidi süntaas-lipoksügenaas liitvalgu rada on üldlevinud korallides**  
**Löhelaid, Helike; Järving, Reet; Järving, Ivar; Samel, Nigulas XXX Eesti keemiatäiendus : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 84-85**

**Analysis of intermediates and quantification of products in synthesis of hemicucurbiturils**  
**Fomitšenko, Maria; Prigorchenko, Elena; Peterson, Anna; Trunin, Madli; Järving, Ivar; Aav, Riina** Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 61 : ill [http://www.boschem.eu/public/BOS2016/BOS-2016\\_Anstract-Book\\_Final.pdf](http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf)

**Asendatud (2S,2'S)-bimorfoliinide süntees**  
**Lippur, Kristin; Kriis, Kadri; Kailas, Tiiu; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Kanger, Tõnis XXX Eesti keemiatäiendus : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 82-83**

**Asümmeetriline keemiline süntees - klaaspärlimängust rakendusteni**  
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**Bitsüklo[3.3.0]oktanooni derivaatide süntees**  
**Raudla, Kristin; Kanger, Tõnis; Müürisepp, Aleksander-Mati; Pehk, Tõnis; Lopp, Margus** XXIX Eesti keemiatäiendus : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 94-95

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**Characteristic VCD signals of chiral hemicucurbiturils : (all-S)-cycHC[6], (all-R)-cycHC[8] and biotin[6]uril ester**  
**Aav, Riina; Peterson, Anna; Prigorchenko, Elena; Öeren, Mario** 10th International Symposium on Macrocyclic and Supramolecular Chemistry : Strasbourg, France, June 28th - July 2nd 2015 2015 / p. PA-1

**ChemEASTry Europe, the status of the chemical sciences in a growing region**  
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**ChemEASTry Europe, the status of the chemical sciences in a growing region**  
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**A chemoenzymatic approach to the preparation of optically active alpha-bromo-omega-hydroxy aldehyde hemiacetals**  
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**Chiral cyclohexylhemicucurbit[n]uril homologues**  
**Shmatova, Elena; Fomitšenko, Maria; Öeren, Mario; Reile, Indrek; Järving, Ivar; Aav, Riina** 9th International Symposium on Macrocyclic and Supramolecular Chemistry (ISMSC-9) : program and book of abstracts : Shanghai Institute of Organic Chemistry,

**Chiral cyclohexylhemicucurbit[n]urils**

**Shmatova, Elena; Fomitšenko, Maria; Öeren, Mario; Reile, Indrek; Kuhtinskaja, Maria; Järving, Ivar; Aav, Riina** TÜ ja TTÜ doktorikool "Funktionsaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

**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

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**Doping engineering for controlled hydration and mechanical properties in Portland cement mortar with ultra-low ZnO concentration**

Tamashiro, Jacqueline Roberta; de la Rubia, Miguel Angel; Rubio-Marcos, Fernando; **Rojas Hernandez, Rocio Estefania**; Silva, Lucas Henrique Pereira; de Paiva, Fabio Friol Guedes; Kinoshita, Angela; Terrades, Amparo Moragues Journal of building engineering 2023 / art. 107748 <https://doi.org/10.1016/j.jobe.2023.107748> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Effect of silica precursor on the synthesis of Zn<sub>2</sub>SiO<sub>4</sub>-based material**

**Rojas Hernandez, Rocio Estefania; Hussainova, Irina; Necib, Jallouli** Proceedings of the Estonian Academy of Sciences 2025 / p. 217-221 <https://doi.org/10.3176/proc.2025.2.24>

**Electrosynthesized conducting polymers, polypyrrole and poly(3,4-ethylenedioxothiophene), for molecular imprinting = Molekulaarselt jälgendatud süsteemid elektrokeemiliselt sünteesitud elektrit juhtivate polümeeride - polüpürrooli ja polü(3,4-ethyleendioksütiopheeni) baasil**

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

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**Formal synthesis of 9,11-Secosterols**

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

**Functionality and activity of Sol-Gel-Prepared Co and Fe co-Doped Lead-Free BTO for thermo-optical applications**

Tihtih, Mohammed; Ibrahim, Jamal Eldin F. M.; Basyooni, Mohamed A.; En-nadir, Redouane; **Hussainova, Irina**; Kocserha, Istvan ACS omega 2023 / p. 5003–5016 : ill <https://doi.org/10.1021/acsomega.2c07660> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### A general approach to the synthesis of 5-S-functionalized pyrimidine nucleosides and their analogues

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#### A general approach to the synthesis of 5-S-functionalized pyrimidine nucleosides and their analogues

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**Kaasik, Mikk; Kanger, Tõnis** Asymmetric Organocatalysis: New Strategies, Catalysts, and Opportunities. Vol. 1 2022 / p. 203-224 <https://doi.org/10.1002/9783527832217.ch6>

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**Dedova, Tatjana; Krunks, Malle; Oja Acik, Ilona; Klauson, Deniss; Volobujeva, Olga; Mere, Arvo** Materials chemistry and physics 2013 / p. 69-75 : ill <https://doi.org/10.1016/j.matchemphys.2013.04.026> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

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#### 3'hüdroksü-4'-asendatud-2'-deoksünukleosidi analogide süntees

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**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

#### Large chiral cyclohexanohemicucurbit[n]urils [Online resource]

**Mishra, Kamini Atindrakumar; Kaabel, Sandra; Paberits, Oliver; Fomitšenko, Maria; Aav, Riina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmtdk.ut.ee/teesid/>

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**4'-bensüül-asendatud nukleosiidi analoogide süntees**

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**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

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**p-asendatud 3-fenüül-2-hüdroksü-2-tsüklopenteen-1-ooni derivaatide süntees ja nende asümmetriiline oksüdatatsioon**

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**Preparation of carbon aerogels from 5-methylresorcinol-formaldehyde gels**

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**[P]rostaglandiinide süntees korallis Plexaura homomalla : tsüklooksügenaaside stereospetsiifilisuse struktuurilised determinandid**

Valmsen, Karin; Samel, Nigulas XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 179-180

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**Sb<sub>2</sub>S<sub>3</sub> thin-film solar cells fabricated from an antimony ethyl xanthate based precursor in air**  
**Eensalu, Jako Siim; Mandati, Sreekanth; Don, Christopher H.; Finch, Harry; Dhanak, Vinod R.; Major, Jonathan D.; Grzibovskis, Raitis; Tamm, Aile; Ritslaid, Peeter; Josepson, Raavo; Käämbre, Tanel; Vembris, Aivars; Spalatu, Nicolae; Krunks, Malle; Oja, Acik, Ilona** ACS applied materials & interfaces 2023 / p. 42622-42636 <https://doi.org/10.1021/acsami.3c08547> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Sensing small- and macromolecular targets using molecularly imprinted polymers interfaced with saw technology**  
**Sõrtski, Vitali; Tretjakov, Aleksei; Ayankojo, Akinrinade George; Reut, Jekaterina; Öpik, Andres** MIP2016 : the 9th International Conference on Molecular Imprinting : June 26-30, 2016, Elite Hotel Ideon, Lund, Sweden 2016 / p. [74]

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**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

**Size-control by anion templating in mechanochemical synthesis of hemicucurbiturils in the solid state**  
**Kaabel, Sandra; Stein, Robin S.; Fomitsenko, Maria; Järving, Ivar; Friščic, Tomislav; Aav, Riina** Angewandte Chemie international edition 2019 / p. 6230-6234 : ill <https://doi.org/10.1002/anie.201813431> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Stereoselective chemoenzymatic synthesis of deoxy sugar esters involving Candida antarctica lipase B = Desoksüsuhkru estrite stereoselektiivne kemoensümaatiline süntees kasutades Candida antarctica lipaasi B**  
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