

### **Alleenoksiidi süntaas-lipoksügenaas liitvalgu rada on üldlevinud korallides**

**Lõhelaid, Helike; Järving, Reet; Järving, Ivar; Samel, Nigulas** XXX Eesti keemiapäevad : 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 keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 82-83

### **Asümmeetriline keemiline süntees - klaaspärlimängust rakendusteni**

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

### **Bitsüklo[3.3.0]oktanooni derivaatide süntees**

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### **Calcium hydroxyapatite, Ca<sub>10</sub>(PO<sub>4</sub>)<sub>6</sub>(OH)<sub>2</sub> ceramics prepared by aqueous sol-gel processing**

Bogdanoviciene, Irma; Beganskiene, Aldona; **Tõnsuaadu, Kaia**; Glaser, Jochen; Meyer, H.-Jürgen; Kareiva, Aivaras Materials research bulletin 2006 / p. 1754-1762 <https://www.sciencedirect.com/science/article/pii/S0025540806000778>

### **Carbon aerogels from 5-methylresorcinol-formaldehyde gels = Süsinikaerogeelid 5-metüülresortsinoolist ja formaldehüüdist**

**Perez-Caballero, Fernando** 2008 <https://digi.lib.ttu.ee/i/?284> [https://www.ester.ee/record=b2431316\\*est](https://www.ester.ee/record=b2431316*est)

### **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**

Gryko, Dorota; Szumna, Agnieszka; **Aav, Riina**; Soos, Tibor The journal of organic chemistry 2023 / p. 12165-12167 <https://doi.org/10.1021/acs.joc.3c01805> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **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**

Parve, Omar; **Vallikivi, Imre**; Lahe, Lilja; Sikk, Peeter; Käämbre, Tuuli; **Lille, Ülo** Proceedings of the Estonian Academy of Sciences. Chemistry 1997 / 4, p. 186-190

### **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. ?

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### **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>

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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,

Shanghai, China, June 7-June 11, 2014 2014 / [1] p. : ill

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#### **A comparative study of the synthesis of C<sub>2</sub>-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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#### **Computational and ion mobility MS study of (all-S)-cyclohexylhemicucurbit[6]uril structure and complexes**

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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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**Rõuk, Kristi; Kõllo, 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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**Kaasik, Mikko; Kanger, Tõnis** Asymmetric Organocatalysis: New Strategies, Catalysts, and Opportunities. Vol. 1 2022 / p. 203-224  
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**Hierarchical nanostructures of ZnO obtained by spray pyrolysis**  
**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'hüdrosü-4'-asendatud-2'-deoksünukleosidi analoogide süntees**  
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**Large chiral cyclohexanohemicurbit[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://fmdk.ut.ee/teesid/>

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

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**Aav, Riina; Shmatova, Elena; Reile, Indrek; Borissova, Maria; Topic, Filip; Rissanen, Kari** Organic letters 2013 / p. 3786-3789 : ill <https://doi.org/10.1021/ol401766a> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Yusibova, Gulnara; Ping, Kefeng; Käärik, Maike; Leis, Jaan; Aruväli, Jaan; Šmits, Krišjānis; Käämbre, Tanel; Kisand, Vambola; Karpichev, Yevgen; Tammeveski, Kaido; Kongi, Nadezda** International Journal of Hydrogen Energy 2024 / p. 398-406 <https://doi.org/10.1016/j.ijhydene.2024.07.388>

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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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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

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