

**A general approach to the synthesis of 5-S-functionalized pyrimidine nucleosides and their analogues**  
**Kananovich, Dzmitry; Reino, Aili; Ilmarinen, Kaja; Rõõmusoks, Marko; Karelson, Mati; Lopp, Margus** Organic & biomolecular chemistry 2014 / p. 5634-5644 : ill

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**Kananovich, Dzmitry; Reino, Aili; Ilmarinen, Kaja; Rõõmusoks, Marko; Karelson, Mati; Lopp, Margus** 8th Biennial International Conference on Organic Synthesis : Balticum Organicum Syntheticum : July 6-9, 2014, Vilnius : program and abstract book 2014 / p. 77

**Asymmetric organocatalytic synthesis of cyclopentanespirooxindoles**  
**Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Lopp, Margus; Kanger, Tõnis** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

**Asymmetric synthesis of congested spiro-cyclopentaneoxindoles via an organocatalytic cascade reaction**  
**Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Lopp, Margus; Kanger, Tõnis** Journal of organic chemistry 2013 / p. 8117-8122 : ill

**Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to electrophiles**  
**Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus** 248th ACS National Meeting and Exposition : August 10-14, 2014, San Francisco, CA : Chemistry and Global Stewardship 2014 / [1] p. : ill

**Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to nitro olefins**  
**Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

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**Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus** Synthesis 2014 / p. 2595-2600 : ill

**Enantioselective organocatalytic Michael addition–cyclization cascade of cyclopentane-1,2-dione with substituted (E)-2-oxobut-3-enoates**  
**Preegel, Gert; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus** Synthesis 2015 / p. 3805-3812 : ill

**Hydrogen peroxide, superoxide, and hydroxyl radicals are involved in the phototoxic action of hematoporphyrin derivative against tumor cells**  
**Tšekulajeva, Ludmilla; Ševtšuk, Igor; Tšekulajev, Vladimir; Ilmarinen, Kaja** Journal of environmental pathology, toxicology, and oncology 2006 / 1/2, p. 51-77 : ill <https://pubmed.ncbi.nlm.nih.gov/16566710/>

**MPA in the determination of the absolute configuration of vicinal diols by NMR spectroscopy**  
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**Remote activation of isatin for efficient asymmetric aza-Michael reactions**  
**Žari, Sergei; Kudrjašova, Marina; Ilmarinen, Kaja; Pehk, Tõnis; Kanger, Tõnis** TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad" : 04.-05. märts 2014, Tartu 2014 / [1] p. : ill

**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

**Uute N,N,N',N'-tetraasendatud R,R-viinhape derivaatide süntees**  
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