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**Aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts**  
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**The emissions of NOx, SO2, CO and decomposition of carbonates during oxyfuel combustion of low heating value**

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**Enantioselective N-Alkylation of Nitroindoles under Phase-Transfer Catalysis**

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**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](#)

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**Enantioselective organocatalytic Michael addition to unsaturated indolyl ketones**

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**Evaluation of Zn<sup>2+</sup>- and Cu<sup>2+</sup>-binding affinities of native Cu,Zn-SOD1 and its G93A mutant by LC-ICP MS**

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**Industrial sustainable fabrication, SEM characterization, mechanical testing, ANOVA analysis of PP-PETF recycled composites : artificial intelligence and deep learning studies for nuclear shielding applications**

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**Insight into the mechanism and stereochemistry of the transformations of alkyltitanium ate-complexes. An enhanced enantioselectivity in the cyclopropanation of the carboxylic esters with titanacyclopropane reagents**

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**One-step carbon nanotubes grafting with styrene-co-acrylonitrile by reactive melt blending for electrospinning of conductive reinforced composite membranes**

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**Optimization and degradation studies of cellulose transesterification to palmitate esters in superbase ionic liquid**  
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**Organocatalytic conjugate addition of cyclopropylacetaldehyde derivatives to nitro olefins : en route to  $\beta$ - and  $\gamma$ -amino acids**

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**Permeability of water and oleic acid in composite films of phase separated polypropylene and cellulose stearate blends**

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### Ring-opening coupling reaction of cyclopropanols with electrophilic alkenes enabled by decatungstate as photoredox catalyst

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### Safeguarding female reproductive health against endocrine disrupting chemicals-The FREIA project

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**The use of anhydrous barium hydroxide for selective alkylation of dialkylxy-tert-butyl-calix[4]arenes**  
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***Thermomyces lanuginosus* lipase with closed lid catalyzes elimination of acetic acid from 11-acetyl-prostaglandin E2**  
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**3-Chlorooxindoles : versatile starting materials for asymmetric organocatalytic synthesis of spirooxindoles**  
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