

Aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts

Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Järving, Ivar; Lopp, Margus Tetrahedron 2018 / p. 661–664 : ill
<https://doi.org/10.1016/j.tet.2017.12.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic Michael addition of cyclopentane-1,2-dione to alkylidene oxindole

Silm, Estelle; Järving, Ivar; Kanger, Tõnis Beilstein Journal of Organic Chemistry 2022 / p. 167-173
<https://doi.org/10.3762/bjoc.18.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric Organocatalytic Reactions of Cyclopentane-1,2-dione = Tsüklopentaan-1,2-diooni asümmeetrilised organokatalüütilised reaktsioonid

Silm, Estelle 2022 <https://doi.org/10.23658/taltech.23/2022> <https://digikogu.taltech.ee/et/Item/106a2384-0619-453b-bd4d-4a6e6d237368>
https://www.ester.ee/record=b5499810*est

Catalytic reduction of sterols

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

Computational study of copper-catalyzed alkyne-azide cycloaddition reaction

Kalvet, Indrek; Mäeorg, Uno; Tammiku-Taul, Jaana; Sikk, Lauri The 13th European Symposium on Organic Reactivity ESOR XIII : Tartu, Estonia, 11-16 September 2011 : [book of abstracts] 2011 / p. 98

Enantio-differentiating hydrogenation of alkyl 3-oxobutanoates over tartaric acid-modified Ni catalyst: Enthalpy-entropy compensation effect as a tool for elucidating mechanistic features

Osawa, Tsutomu; Wakasugi, Masahiro; Kizawa, Tomoko; Borovkov, Victor; Inoue, Yoshihisa Molecular catalysis 2018 / p. 131-136 : ill
<https://doi.org/10.1016/j.mcat.2018.02.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective Catalytic Synthesis of N-alkylated Indoles

Trubitsõn, Dmitri; Kanger, Tõnis Symmetry 2020 / art. 1184 ; 30 p.: ill <https://doi.org/10.3390/sym12071184> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enantioselective catalytic synthesis of N-alkylated indoles

Trubitsõn, Dmitri; Kanger, Tõnis Chiral Auxiliaries and Chirogenesis II 2021 / p. 1-30 <https://doi.org/10.3390/sym12071184>
<https://doi.org/10.3390/books978-3-0365-1155-9>

Enantioselective N-functionalization of indole derivatives

Trubitsõn, Dmitri; Kanger, Tõnis GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 84 : ill
<http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Gas-phase photocatalytic degradation of VOCs and ozone in continuous multi-section reactor as possible air post-treatment for exhaust from pulsed corona discharge

Kask, Maarja; Bolobajev, Juri; Kritševskaja, Marina GSFMT Scientific Conference 2020 : Tallinn, February 4-5, 2020 : abstracts 2020 / p. 40 <http://fmdtk.ut.ee/wp-content/uploads/2020/01/GSFMT2020.pdf>

Increased biomass yield of Lactococcus lactis by reduced overconsumption of amino acids and increased catalytic activities of enzymes

Adamberg, Kaarel; Seiman, Andrus; Vilu, Raivo PLoS ONE 2012 / p. e48223 <https://pubmed.ncbi.nlm.nih.gov/23133574/>

Lipase action on some non-triglyceride substrates

Vallikivi, Imre; Lille, Ülo; Lõokene, Aivar; Metsala, Andrus; Sikk, Peeter; Tõugu, Vello; Vija, Heiki; Villo, Ly; Parve, Omar Journal of molecular catalysis B : enzymatic 2003 / 5/6, p. 279-298 : ill <https://www.sciencedirect.com/science/article/abs/pii/S1381117703000432>

New carbon-based catalyst synthesis from spent li-ion batteries for electrochemical oxygen reduction

Kazemi, Maryam; Liivand, Kerli; Kruusenberg, Ivar; Walke, Peter; Mikli, Valdek; Uibu, Mai; Macdonald, Digby D. GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 42 https://fmdtk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Organocatalytic enantioselective domino reactions leading to polysubstituted n-heterocycles

Kanger, Tõnis SustainChem2011 : International Conference on Materials and Technologies for Green Chemistry jointly with Workshop of COST Action CM0903 (UBIOCHEM-II) : September 5-9, 2011, Tallinn, Estonia : abstract book and program 2011 / p. 44

Organokatalüütilised enantioselektiivsed reaktsioonid kiraalsete amiinide toimel

Laars, Marju; Kriis, Kadri; Lippur, Kristin; Lopp, Margus; Kanger, Tõnis XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 72-73

Solution combustion synthesis of nanostructured molybdenum carbide

Kirakosyan, Hasmik; Nazaretyan, K.T.; Mnatsakanyan, R.A.; **Aydinyan, Sofiya**; Kharatyan, Suren Journal of nanoparticle research 2018 / art. 214, 11 p. : ill <https://doi.org/10.1007/s11051-018-4312-5> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Structures and catalytic properties of titanium and iridium based complexes = Titaani ja iriidiumi komplekside struktuur ja katalüütilised omadused

Osadchuk, Irina 2017 <https://digi.lib.ttu.ee/ii/?7624> https://www.ester.ee/record=b4685981*est

Tallinna tehnikaülikooli teadlased on loonud uue vee- ja õhupuhastuse tehnoloogia [Võrguväljaanne]

Soopan, Ivar rohe.geenius.ee 2021 "[Tallinna tehnikaülikooli teadlased on loonud uue vee- ja õhupuhastuse tehnoloogia](https://www.ester.ee/record=b4685981*est) "

Two catalytic methods of an asymmetric wittig [2,3]-rearrangement

Ošeka, Maksim; Kimm, Mariliis; Järving, Ivar; Lippur, Kristin; Kanger, Tõnis Journal of organic chemistry 2017 / p. 2889-2897 :

ill <https://doi.org/10.1021/acs.joc.6b02786> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Upgrading of liquid products from Estonian kukersite oil shale by catalytic hydrogenation = Kukersiitpõlevkivi vedelproduktide vääristamine katalüütilise hüdrogeenimise meetodil

Krasulina, Julia 2015 https://www.ester.ee/record=b4471946*est

Upgrading shale oil heavy fractions with biomass via catalytical hydroprocessing [Electronic resource]

Luik, Hans; Luik, Lea; Tiikma, Laine; Vink, Natalia; Kozõreva, Jekaterina Success & visions for bioenergy. Thermal processing of biomass for bioenergy, biofuels and bioproducts 2007 / [7] p. [CD-ROM]

Каталитическая реакция оксиметилирования. Сообщение 4, О кинетике реакции поливинилового спирта с формальдегидом

Tõnnisson, Anne Синтез и применение поликонденсационных клеев : сборник статей. 8 1985 / с. 41-46 : ил

https://www.ester.ee/record=b2191141*est <https://digikogu.taltech.ee/et/Item/9ea83da7-7ff7-4738-84a8-587d6d9b1f59>