

Asymmetric cyclopropanation via an electro-organocatalytic cascade

Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Deil, Nora; Fokin, Mihhail; Kimm, Mariliis; Ošeka, Maksim Chemical communications 2024 / 14026-14029 <https://doi.org/10.1039/D4CC05092D> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic [2,3]-Wittig rearrangement = Asümmeetriline organokatalüütiline [2,3]-Wittigi ümberasetusreaktsioon

Kimm, Mariliis 2021 https://www.ester.ee/record=b5459027*est <https://digikogu.taltech.ee/et/Item/0cf615b8-e406-4531-905b-b97bd1daed83> <https://doi.org/10.23658/taltech.45/2021>

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives

Kimm, Mariliis; Järving, Ivar; Ošeka, Maksim; Kanger, Tõnis European journal of organic chemistry 2021 / p. 3113–3120 : ill <https://doi.org/10.1002/ejoc.202100435> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Asymmetric organocatalytic [2,3]-Wittig rearrangement of cyclohexanone derivatives

Kimm, Mariliis; Ošeka, Maksim; Kanger, Tõnis GSFMT Scientific Conference 2021 : Tartu, June 14-15, 2021 : abstracts 2021 / P 41 https://fntdk.ut.ee/wp-content/uploads/2021/06/GSFMT_abstractbook_2021.pdf

Asymmetric organocatalytic Wittig [2,3]-rearrangement

Ošeka, Maksim; Kimm, Mariliis; Kanger, Tõnis Balticum Organicum Syntheticum : 3-6 July 2016, Riga, Latvia : program and abstracts 2016 / p. 123 : ill http://www.boschem.eu/public/BOS2016/BOS-2016_Anstract-Book_Final.pdf

Asymmetric organocatalytic wittig [2,3]-rearrangement of oxindoles

Ošeka, Maksim; Kimm, Mariliis; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Kanger, Tõnis Organic letters 2016 / p. 1358-1361 : ill <https://doi.org/10.1021/acs.orglett.6b00291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kerex technology: potential of piloting the production of medium chain dicarboxylic acids from kerogen in a continuous flow oxidation reactor

Reinaas, Maria; Kaldas, Kristiina; Muldma, Kati; Uustalu, Jaan Mihkel; Koern, Villem Ödner; Siirde, Kaarel; Silm, Estelle; Mets, Birgit; Kimm, Mariliis; Rõuk, Kristi Future Frontiers : PhD Conference on Emerging Technologies : Book of Abstracts 2025 / p. 29 ; poster 20 https://tuit.ut.ee/sites/default/files/2025-05/PhD%20Conference%202025%20Book%20of%20Abstracts_pub3.pdf

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Methylation of phenols

Silm, Estelle; Närep, Angelica; Kimm, Mariliis; Kaldas, Kristiina; Lopp, Margus Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. 126, p. 145 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Potential of producing medium chain dicarboxylic acids from kerogen in kukersite in a continuous-flow oxidation reactor

Reinaas, Maria; Kaldas, Kristiina; Muldma, Kati; Uustalu, Jaan Mihkel; Koern, Villem Ödner; Siirde, Kaarel; Silm, Estelle; Mets, Birgit; Kimm, Mariliis; Rõuk, Kristi ISCRE 28 Abstracts 2024 / 2 p https://www.iscre28.org/abstracts/abstract_587_517_1.pdf

Quantum chemical calculation procedure for the c-c bond forming reactions

Metsala, Andrus; Kaasik, Mikk; Kriis, Kadri; Kanger, Tõnis; Kimm, Mariliis Balticum Organicum Syntheticum (BOS 2022) : program and abstract book 2022 / p. 127 [Kogumik](#)

Telescoped synthesis of vicinal diamines via ring-opening of electrochemically generated aziridines in flow

Laktsevich-Iskryk, Marharyta; Krech, Anastasiya; Fokin, Mihhail; Kimm, Mariliis; Jarg, Tatsiana; Noël, Timothy; Ošeka, Maksim Journal of flow chemistry 2024 / p. 139-147 <https://doi.org/10.1007/s41981-023-00296-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

[2,3]-Wittig rearrangement as a formal asymmetric alkylation of α -branched ketones

Kimm, Mariliis; Ošeka, Maksim; Kaabel, Sandra; Metsala, Andrus; Järving, Ivar; Kanger, Tõnis Organic letters 2019 / p. 4976-4980 <https://doi.org/10.1021/acs.orglett.9b01495> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wittig [2,3]-rearrangement as a formal asymmetric alkylation of α -branched cyclopentanones

Kimm, Mariliis; Ošeka, Maksim; Kanger, Tõnis Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja

tehnoloogiad : [4.-5. veebr. 2019, Tartu : teesid] 2019 / 1 p <http://fmdk.ut.ee/teesid-2019/>

Wittigi [2,3]-ümberasetusreaktsioon kui α -hargnenud tsüklopentanoonide formaalne asümmeetriline alküleerimismeetod
Kimm, Mariliis; Ošeka, Maksim; Kanger, Tõnis XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk.
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