

Asymmetric cyclopropanation via an electro-organocatalytic cascade

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The development of electro-organocatalytic enantioselective cascade Michael reaction

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Development of new photocatalytic ring-opening reaction of cyclopropanols

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Electrochemical hydroxylation of electron-rich arenes in continuous flow

Kooli, Anni; Wesenberg, Lars; Beslač, Marko; Krech, Anastasiya; Lopp, Margus; Noël, Timothy; Ošeka, Maksim European journal of organic chemistry 2022 / art. e202200540 <https://doi.org/10.1002/ejoc.202200011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enabling ring-opening reaction of cyclopropanols with decatungstate anion photocatalysis

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HFIP-promoted nucleophilic ring opening of nonactivated aziridines under continuous flow conditions

Laktsevich-Iskryk, Marharyta; Krech, Anastasiya; Fokin, Mihhail 13th Paul Walden Symposium : Program and abstracts 2023 / p. 47 https://walden.osi.lv/wp-content/uploads/2023/09/Abstract_book_Walden_2023.pdf

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

Krech, Anastasiya; Yakimchyk, Viktoriya; Jarg, Tatsiana; Kananovich, Dzmitry; Ošeka, Maksim Advanced synthesis & catalysis 2024 / p. 91-100 <https://doi.org/10.1002/adsc.202300939> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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Ring-opening cross-coupling of cyclopropanols with electrophilic alkenes via photoinduced charge transfer facilitated by decatungstate catalyst

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

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