

Acridinium photocatalyzed monofluoromethyl radical cascade reaction of alkenes with iodine(III) reagent : A mechanistic study

Ramkumar, Nagarajan; Raiskuma, Anete Patricija; Baumanė, Larisa; Kinens, Artis; Traskovskis, Kaspars; **Ošeka, Maksim**; Veliks, Janis *Advanced synthesis & catalysis* 2025 / 12 p <https://doi.org/10.1002/adsc.70069>

Asymmetric cyclopropanation via an electro-organocatalytic cascade

Krech, Anastasiya; Laktsevich-Iskryk, Marharyta; Deil, Nora; Fokin, Mihail; 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 diastereoselective synthesis of spirocyclopropane derivatives of oxindole

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

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Chloromethylation of lignin as a route to functional material with catalytic properties in cross-coupling and click reactions

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Enabling ring-opening reaction of cyclopropanols with decatungstate anion photocatalysis

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Novel analogues of the Chikungunya virus protease inhibitor: molecular design, synthesis, and biological evaluation

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Photoredox-catalyzed direct C–H monofluoromethylation of heteroarenes

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

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