

Breaking barriers in organometallic synthesis with a ball mill

Kananovich, Dzmitry; Nallaparaju, Jagadeesh Varma; Sahoo, Suman; Aav, Riina INCOME 2025 : Book of Abstracts 2025 / p. 63 https://www2.hu-berlin.de/income2025-berlin/INCOME2025_Program_abstracts.pdf

Impact of ball-milling of carbide-derived carbons on the generation of hydrogen peroxide via electroreduction of oxygen in alkaline media

Palm, Iris; Kibena-Pöldsepp, Elo; Lilloja, Jaana; Paiste, Päärn Journal of electroanalytical chemistry 2020 / art. 114690 <https://doi.org/10.1016/j.jelechem.2020.114690> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanochemistry-amended Barbier reaction as an expedient alternative to Grignard synthesis

Varma Nallaparaju, Jagadeesh; Nikonovich, Tatsiana; Jarg, Tatsiana; Merzhyievskiy, Danylo; Aav, Riina; Kananovich, Dzmitry Angewandte Chemie international edition 2023 / art. e202305775 <https://doi.org/10.1002/anie.202305775> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solid-State Electrolytes for Fluoride-ion Batteries = Tahked elektrolüüdid fluoriidioon akudele

Molaiyan, Palanivel 2020 <https://digikogu.taltech.ee/et/Item/17026f91-1ab4-4794-862b-a326f5d4c460>

Surface defect-enhanced conductivity of calcium fluoride for electrochemical applications

Molaiyan, Palanivel; Witter, Raiker Material design & processing communications 2019 / art. e44, 10 p. : ill <https://doi.org/10.1002/mdp2.44>