

European research in focus : mechanochemistry for sustainable industry (COST Action MechSustInd)

Hernandez, Jose G.; Halasz, Ivan; Crawford, Deborah E.; Krupicka, Martin; Balaž, Matej; Vania, Andre; Vella-Zarb, Liana; Niidu, Allan; Garcia, Felipe; Maini, Lucia; Colacino, Evelina European journal of organic chemistry 2020 / p. 8-9 : ill <https://doi.org/10.1002/ejoc.201901718> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanochemical birch reduction with low reactive alkaline earth metals

Nallaparaju, Jagadeesh Varma; Satsi, Riin; Merzhyevskiy, Danylo; Jarg, Tatsiana; Aav, Riina; Kananovich, Dzmitry Angewandte Chemie international edition 2024 / art. e202319449 <https://doi.org/10.1002/anie.202319449> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanochemical nucleophilic substitution of alcohols via isouronium intermediates

Dalidovich, Tatsiana; Nallaparaju, Jagadeesh Varma; Shalima, Tatsiana; Aav, Riina; Kananovich, Dzmitry ChemSusChem 2022 / art. e202102286 <https://doi.org/10.1002/cssc.202102286> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanochemical synthesis of amides with uronium-based coupling reagents : a method for hexa-amidation of biotin[6]uril

Dalidovich, Tatsiana; Mishra, Kamini Atindrakumar; Shalima, Tatsiana; Kudrjašova, Marina; Kananovich, Dzmitry; Aav, Riina ACS sustainable chemistry & engineering 2020 / p. 15703–15715 : ill <https://doi.org/10.1021/acssuschemeng.0c05558> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanochemically driven covalent self-assembly of a chiral mono-biotinylated hemicucurbit[8]uril

Suut-Tuule, Elina; Jarg, Tatsiana; Tikker, Priit; Lootus, Ketren-Marlein; Martõnova, Jevgenija; Reitalu, Rauno; Ustrnol, Lukas; Ward, Jas S.; Rjabovs, Vitalijs; Shubin, Kirill; Nallaparaju, Jagadeesh Varma; Vendelin, Marko; Preis, Sergei; Öeren, Mario; Rissanen, Kari; Kananovich, Dzmitry; Aav, Riina Cell reports physical science 2024 / art. 102161 <https://doi.org/10.1016/j.xcrp.2024.102161> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mechanochemistry: a disruptive innovation for the industry of the future

Balaž, Matej; Vella-Zarb, Liana; Hernandez, Jose G.; Halasz, Ivan; Crawford, Deborah E.; Krupička, Martin; Vania, Andre; Niidu, Allan; Garcia, Felipe; Maini, Lucia; Colacino, Evelina Chimica oggi-chemistry today 2019 / p. 32–34 https://www.teknoscienze.com/tks_article/mechanochemistry-a-disruptive-innovation-for-the-industry-of-the-future/

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

Varma Nallaparaju, Jagadeesh; Nikonovich, Tatsiana; Jarg, Tatsiana; Merzhyevskiy, 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

Protecting-Group-Free mechanosynthesis of amides from hydroxycarboxylic acids : application to the synthesis of Imatinib : preprint

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Recycling of secondary raw materials for the production of new composite products: a devulcanised crumb rubber case study

Lapkovskis, Vjaceslavs; Mironovs, Viktors; Kristine, I.; Goljandin, Dmitri 11th International Conference Biosystems Engineering : May 6-8, 2020 in Tartu, Estonia : book of abstracts [Võrguteavik] 2020 / p. 130 https://www.ester.ee/record=b5347289*est

Size-control by anion templating in mechanochemical synthesis of hemicucurbiturils in the solid state

Kaabel, Sandra; Stein, Robin S.; Fomitšenko, Maria; Järving, Ivar; Frišcic, Tomislav; Aav, Riina Angewandte Chemie international edition 2019 / p. 6230–6234 : ill <https://doi.org/10.1002/anie.201813431> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS