

Special Issue

Recent Development of Mechanochemical Synthesis II

Message from the Guest Editors

Recently, mechanochemical synthesis has been used to develop a wide range of materials, including oxides, compounds, alloys, functional materials, core-shell materials, catalysts, magnets, biomaterials, composites, inorganic and organic molecules, pharmaceutical co-crystals, metal-organic frameworks, etc. In addition, mechanochemistry can be significantly applied in waste management and pollution remediation.

Mechanochemical processing is an environmentally friendly, green, energy-efficient, and low-cost technique to synthesize such materials. Mechanochemistry offers the potential of promoting interdisciplinary research for breakthrough in science and engineering. This Special Issue aims to provide a forum for significant research findings of mechanochemical relevance in areas of inorganic/organic chemistry and materials science.

Researchers in the field are cordially invited to submit relevant manuscripts for a Special Issue entitled "Recent Development of Mechanochemical Synthesis II" within the journal *Molecules*.

Guest Editors

Dr. Matej Baláž

Dr. Varun Chaudhary

Dr. Richa Chaudhary

Deadline for manuscript submissions

closed (31 July 2021)



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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of
Münster, Corrensstrasse 48, D-48149 Münster, Germany

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).