

Special Issue

Energetic Materials: Preparation, Characterization and Application

Message from the Guest Editors

This Special Issue invites authors to submit full-length research articles, short communications, and review papers to *Molecules*. Experimental and/or computational works on all aspects of energetic materials are welcomed, while papers including the following contents are preferred: (1) novel synthesis approaches for propellants, explosives, pyrotechnics, and their fuels, oxidizers, additives, and catalysts; (2) advanced characterization of the micro-/nano-structure, composition, and fundamental properties (thermal, mechanical, etc.) of energetic materials; (3) advanced diagnostic and mechanistic studies on the ignition and combustion characteristics of energetic materials; and (4) other works that address the current challenges of the application of energetic materials.

Guest Editors

Dr. Yue Jiang

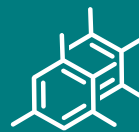
Department of Mechanical Engineering, Stanford University, Stanford, CA 94305, USA

Dr. Sili Deng

Department of Mechanical Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139, USA

Deadline for manuscript submissions

closed (31 August 2023)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

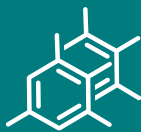


mdpi.com/si/139209

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

[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)





Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



[mdpi.com/journal/
molecules](https://mdpi.com/journal/molecules)



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarInLit, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

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).