

Special Issue

Advances in the Synthesis and Characterization of Materials for Efficient Energy Storage

Message from the Guest Editor

This Special Issue entitled “Advances in the Synthesis and Characterization of Materials for Efficient Energy Storage” aims to explore the latest developments in the field of energy storage materials, primarily focusing on the synthesis and characterization of these materials which are crucial for the development of high-performance energy storage devices and the various types of energy storage systems, including batteries, supercapacitors, and fuel cells. This Special Issue highlights the importance of nanotechnology in the synthesis of energy storage materials, and also delves into the characterization techniques used to analyze the properties and performance of these materials. Types of contributions to this Special Issue include full research articles, short communications, and reviews.

Guest Editor

Prof. Dr. Yi Li

College of Chemistry, Chemical Engineering and Materials Science,
Soochow University, Suzhou 215123, China

Deadline for manuscript submissions

30 April 2025



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.4
Indexed in PubMed



mdpi.com/si/198326

Molecules

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 4.2
CiteScore 7.4
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 experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all 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 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).