Special Issue

Advanced Functional Materials: Challenges and Opportunities

Message from the Guest Editor

Advanced functional materials are a class of materials with magnetic, optical and electrical properties, including fluorescent materials, photoelectric functional materials, functional nanomaterials and so on. In recent vears, advanced functional materials have played an important role in medical materials, energy conversion. environmental protection, and green chemistry. This special issue includes but is not limited to the latest advances in the synthesis and characterization of advanced functional materials, as well as innovations and developments in their designs and applications. We also welcome research and discussion on other chemical aspects of the topic. We are pleased to invite you to contribute to the Special Issue "Advanced Functional Materials: Challenges and Opportunities". The following type of manuscripts will be considered for publication: full research articles, short communications and reviews.

Guest Editor

Prof. Dr. Ruijin Yu

College of Chemistry & Pharmacy, Northwest Agriculture and Forestry University, Xianyang 712100, China

Deadline for manuscript submissions

closed (28 February 2025)



Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



mdpi.com/si/176507

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

mdpi.com/journal/molecules





Molecules

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



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).

