



Advances in Functional Organic Materials

Guest Editor:

Prof. Dr. Jialei Liu

Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences, Beijing, China

Deadline for manuscript submissions:

closed (15 July 2022)

Message from the Guest Editor

Dear Colleagues,

Functional organic materials have attracted large attention in recent years. An increasing number of functional materials based on organic compounds or polymers have been synthesized and studied. Such materials provide great advantages because of their versatility, special functional properties, processing, cost, malleability. Organic solar cells, organic light-emitting diodes, organic optical waveguides, plastic medical equipment, functional agricultural mulch films, and so on are all based on functional organic materials. These materials have become of common use in our everyday life and work. This Special Issue aims to present research articles and reviews on the most recent developments of functional organic materials as well as new synthetic methods and applications.

Prof. Dr. Jialei Liu
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

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))

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)