



an Open Access Journal by MDPI

Green Synthesis and Environmental Catalysis

Guest Editors:

Dr. Xingyun Li

Environmental Science and Technology, Qingdao University, Qingdao 266071, China

Prof. Dr. Xiao Liu

College of Chemistry, Central China Normal University, Wuhan 430079, China

Deadline for manuscript submissions: **31 October 2024**

Message from the Guest Editors

With the ever-stricter environmental regulations, utilizing green synthesis and environmental technology to guarantee an environmentally benign industrial process becomes a hot topic. We are pleased to invite you to contribute your research on the important aspects of green chemistry.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Green synthesis, which promotes the application of clean raw materials, catalysts, and solvents and the prevention of the formation of hazardous byproducts;
- 2. Environmental catalysis, which covers the development of catalysts for air pollutant (industrial or vehicle tail gas, in-door VOCs, etc.) abatement, water purification, and CO₂ conversion. Research on thermal catalysis, electrical catalysis, and photocatalysis is welcome.

Specialsue



mdpi.com/si/196637





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