



Catalytic Radical Reactions

Guest Editor:

Dr. Huan-Ming Huang

School of Physical Science and
Technology, ShanghaiTech
University, Shanghai, China

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Catalytic radical reactions including photoredox chemistry, electrocatalysis, photoelectrochemistry, metallaphotoredox catalysis, dual catalysis, and transition metal catalysis have already become an emerging topic in synthetic chemistry and utilized in medicinal chemistry.

In this Special Issue on “Catalytic Radical Reactions”, we invite papers related to synthetic methodology, complex architecture synthesis, mechanistic study, material synthesis, total synthesis, and computational studies involving different types of catalytic radical reactions. We will highlight emerging areas in radical chemistry and inspire future development toward modern synthetic chemistry.

Dr. Huan-Ming Huang

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 molecular chemistry, now in its 30th 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.

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

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](#)