



an Open Access Journal by MDPI

Recent Advances in Photocatalysts

Guest Editors:

Dr. Kunlei Wang

Institute for Catalysis (ICAT),
Hokkaido University, Sapporo
001-0021, Japan

Dr. Dong Ma

College of Resource and
Environment, Qingdao
Agricultural University, Qingdao
266109, China

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

The editorial board of *Molecules* invites you to submit an article to a Special Issue entitled "Recent Advances in Photocatalysts".

This Special Issue "Recent Advances in Photocatalysts" aims to publish promising up-to-date original research papers on the preparation, mechanism and photocatalytic applications of new photocatalysts.

Potential topics include (but are not limited to) the following:

- Advanced and innovative photocatalytic processes for the purification of water and/or air.
- Preparation and characterization of new photocatalysts (both homogeneous and heterogeneous) for photocatalytic application and/or renewable energy.
- Green and environmentally friendly photocatalytic processes for environmental purification and protection, photocatalytic application and renewable energy.

Original results from all areas of photocatalysts supplying new advances for mechanisms and applications are welcome.

Molecules is indexed by the Science Citation Index Expanded (Web of Science), MEDLINE (PubMed) and other databases, and has an Impact Factor of 4.927 (2021).



mdpi.com/si/137950

Special Issue



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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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