

## Special Issue

# Environment-Friendly Polymers and Polymer Composites

### Message from the Guest Editor

Environmentally friendly materials refer to a class of materials that can be gradually absorbed by the environment under the action of light, water, or other conditions, which will cause molecular weight decline, physical properties, and other phenomena. They can also be called degradable materials. Environmentally friendly materials are materials with excellent service performance from the collection, processing, use or recycling of raw materials, waste treatment, and even the whole life cycle of waste, with the least consumption of resources and energy, the least impact on the ecological environment, the highest recycling or decomposable properties, and safe treatment. They play a crucial role in reducing the waste of resources and energy, controlling pollution emissions, and protecting the environment.

---

### Guest Editor

Prof. Dr. Jiwen Luo

School of Chemistry and Environment, South China Normal University, Guangzhou, China

---

### Deadline for manuscript submissions

closed (31 March 2023)



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed

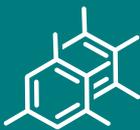


[mdpi.com/si/112409](https://mdpi.com/si/112409)

*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)





# Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)



## About the Journal

### 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.

---

### 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 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).