

## Special Issue

# Advanced Membrane Materials for Water Treatment

### Message from the Guest Editor

This Special Issue, "Advanced Membrane Materials for Water Treatment," aims to showcase the latest breakthroughs and cutting-edge research in the development of novel membrane materials. We seek to compile a collection of high-quality papers that push the boundaries of membrane science and engineering. The focus will be on the rational design, innovative fabrication, and multifaceted applications of advanced membranes to achieve superior separation performance, enhanced antifouling properties, long-term operational stability, and advanced functionalities.

Topics of interest include, but are not limited to:

- Novel Material Platforms
- Smart and Stimuli-Responsive Membranes
- Advanced Fabrication Techniques
- Functionalization and Surface Engineering
- Resource Recovery and Selective Separation
- Performance Enhancement
- Fouling Control and Mitigation
- Sustainability and Life-Cycle Assessment

---

### Guest Editor

Dr. Minjia Meng

School of Chemistry and Chemical Engineering, Jiangsu University,  
Zhenjiang 212013, China

---

### Deadline for manuscript submissions

31 May 2026



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/259008](https://mdpi.com/si/259008)

*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 29th 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 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).