

## Special Issue

# Metal–Organic Framework/Polymer Composites: Synthesis, Characterization and Application

### Message from the Guest Editor

Metal–organic frameworks (MOFs) are a class of crystalline micro/mesoporous hybrid materials with many specific properties, including high porosity, a large specific surface area (SSA), diverse composition, robust porous structures, and rich active sites. Benefiting from their unique structural characteristics, metal–organic frameworks (MOFs) are often used in energy- and environment-related applications, especially photocatalysis. For this Special Issue of *Polymers*, we welcome the submission of high-quality original experimental or theoretical works or review articles on all aspects of organic framework, such as the design and synthesis of metal–organic frameworks (MOFs) and covalent organic frameworks (COFs), the fundamental investigation of their properties, and high-performance applications.

### Guest Editor

Dr. Xiaodong Sun

Institute of Clean Energy Chemistry, Key Laboratory for Green Synthesis and Preparative Chemistry of Advanced Materials, College of Chemistry, Liaoning University, Shenyang, China

### Deadline for manuscript submissions

closed (20 January 2024)



## Polymers

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/176797](https://mdpi.com/si/176797)

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

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





# Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

---

### 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), Ei Compendex, PubMed, PMC, FSTA, CAPlus / SciFinder, Inspec, and other databases.

#### Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (General Chemistry)