

## Special Issue

# Polymers and Functional Additives in Construction Materials

### Message from the Guest Editors

This Special Issue focuses on the innovative application and research of polymers and functional additives in construction materials. As modern architecture places increasing demands on performance and sustainability, enhancing the mechanical properties, durability, and multifunctionality of traditional building materials through polymeric materials and functional additives has become a vital direction for the industry. This Special Issue aims to compile the latest scientific achievements and technological advancements in the field. These developments not only significantly improve the adaptability and service life of construction materials in diverse environments, but also provide effective solutions for promoting green buildings and reducing life-cycle maintenance costs. We hope that this Special Issue will serve as a platform for an in-depth exchange between academia and industry, fostering the innovative development of construction materials toward high performance, multifunctionality, and environmental friendliness.

---

### Guest Editors

Dr. Xiaobin Han  
Dr. Ruiyang Wang  
Dr. Zhilong Cao

---

### Deadline for manuscript submissions

31 October 2026



## Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/255489](https://mdpi.com/si/255489)

*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 4.9.

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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 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, CAPIus / SciFinder, Inspec, and other databases.

#### Journal Rank:

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