

## Special Issue

# Challenges and Innovations in Fire Safety Polymeric Materials

### Message from the Guest Editor

Polymer materials have been widely used in our daily life due to their light weight, easy production, and good processing performance. However, most polymers are flammable. With the increasing concern about fire hazards, fire safety polymeric materials have developed rapidly in the past decades. Recently, a great deal of effort has been devoted to the construction of fire safety materials, including plastics, rubbers, fabrics, coatings, and adhesives. This Special Issue in *Polymers* aims to disseminate the latest research on the development of fire-safe polymeric materials, grounded in scientific and technological advances in fire prevention concepts, fire-extinguishing mechanisms, and fire-protection applications.

### Guest Editor

Dr. Jun Sun

Center for Fire Safety Materials, Beijing University of Chemical Technology, Beijing, China

### Deadline for manuscript submissions

31 March 2026



## Polymers

an Open Access Journal  
by MDPI

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/249266](https://mdpi.com/si/249266)

*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)