

## Special Issue

# Preparation of Polymer Composites for Current and Future Applications

### Message from the Guest Editors

Composite materials have been getting overwhelming attention in recent years. In the past, polymer composites was utilized for the automotive and aerospace industry, but the times have changed. The study of polymer composites for other applications, such as for gas separation, water remediation, production of medical devices and many more, are quite remarkable. The increase in interest in these composite polymer materials could be because of their properties, such as their cost efficiency, multifunctionality, and wide range of applications. It is interesting to see that the addition of polymers in composite materials could greatly affect the performance of a product or process. This Special Issue aims to highlight the preparation process of polymeric composite materials for current and future applications, which include the discussion of how the structural and chemical properties would affect the functionalities of the polymer composites. Thus, authors conducting relevant studies are welcomed to share their latest findings in polymer-based composites, whether from an original study or article reviews for this Special Issue.

---

### Guest Editors

Dr. Norazlianie Sazali

Dr. Mauro Zarrelli

Prof. Dr. José Miguel Martín Martínez

Dr. Ian Wyman

---

### Deadline for manuscript submissions

closed (30 August 2022)



## Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/99107](https://mdpi.com/si/99107)

*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)