

## Special Issue

# Polymer-Based Carbon Fiber Composites

### Message from the Guest Editor

Polymer-based carbon fiber composites are composites made by combining carbon fiber with resins such as vinyl ester or epoxy. Polymer-based carbon fiber composites are not only lightweight and help conserve energy, but are also used in alternative energy sectors. Polymer-based carbon fiber materials are prized for their excellent strength-to-weight ratio, corrosion resistance, stiffness and durability. Superior strength, low weight, corrosion resistance and the ability to adhere to concrete make polymer-based carbon fiber composites an excellent material for infrastructure applications requiring strength and durability. This Special Issue aims to collect articles related to the research on polymer-based carbon fiber composite materials, and scholars are welcome to contribute.

### Guest Editor

Dr. Qiang Liu

School of Aerospace Engineering, Nanjing University of Aeronautics and Astronautics, Nanjing, China

### Deadline for manuscript submissions

closed (25 March 2024)



## Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/186688](https://mdpi.com/si/186688)

*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

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)