

Special Issue

Processing, Characterization and Engineering Application of Fiber-Reinforced Thermoplastic Polymer Composites

Message from the Guest Editor

A strong understanding of different materials and their manufacturing processes is essential in today's ever-expanding world. The advancement in technologies has provided a wide range of materials that used for wide-scale production. Fiber-reinforced composite materials open up the possibility of enhancing polymers' mechanical and thermal properties, including automotive, biomedical, aerospace, sports, and other small- and large-scale applications. We are pleased to invite you to make a very valuable contribution. This Special Issue aims to create a collection of at least 10 articles on the topic of preparation, properties and engineering application of fiber-reinforced thermoplastic polymer composites in the open-access journal *Polymers* (ISSN 2073-4360). Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: polymer-based fiber-reinforced composite materials, processing, and characterization of polymer composite materials, additively manufactured composite materials, and mechanical and thermal property analysis of polymer composite materials.

Guest Editor

Dr. Ankit Gupta

Department of Engineering and Technology, California State University
Los Angeles, Los Angeles, CA, USA

Deadline for manuscript submissions

closed (5 February 2025)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/162760

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)