



polymers



an Open Access Journal by MDPI

Renaissance of Fibers and Fibrous Materials

Guest Editors:

Prof. Dr. Jinlian Hu

Department of Biomedical Engineering, City University of Hong Kong, Hong Kong 999077, China

Dr. Shanshan Zhu

Institute of Advanced Integration Technology, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences, Shenzhen, China

Deadline for manuscript submissions:

closed (10 September 2021)

Message from the Guest Editors

This Special Issue is jointly supported by The Fiber Society's Spring 2019 Conference "Renaissance of Fibers and Fibrous Materials: Science, Technology, Fashion, and New Applications" held in Hong Kong, May 21–23, 2019. Fibre materials including natural organic and inorganic fibres as well as synthetic fibres have significant potential in many areas due to their structures and large length-to-diameter ratio. Traditionally, we have studied these fibres mainly for textiles and their processing; many details of their structural features, their functional behaviour, and their physics may be restricted. With advancements in biological, nano, functional, smart, life sciences, and technologies, as requirements for sustainability, healthcare, wearables, and individuality in society, fibrous materials from atomic, molecular, and polymer assembly levels and composites can be understood from many different angles.

This Issue aims to highlight outstanding work reporting scientific knowledge pertaining to fibers, fiber-based materials, and fibrous materials as well as their applications. Both original papers and reviews are welcomed.



mdpi.com/si/27305

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

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.

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)

Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polymers
polymers@mdpi.com
[X@Polymers_MDPI](https://twitter.com/Polymers_MDPI)