



## Synthesis and Application of Cellulose-Based Composites

Guest Editors:

### Dr. Yudi Kuang

School of Biomedical Science  
and Engineering, South China  
University of Technology,  
Guangzhou 510006, China

### Dr. Guangmei Xia

State Key Laboratory of Biobased  
Material and Green Papermaking,  
Qilu University of Technology,  
Shandong Academy of Sciences,  
Jinan 250353, China

### Dr. Peng Jia

State Key Laboratory of Biobased  
Material and Green Papermaking,  
Qilu University of Technology,  
Shandong Academy of Sciences,  
Jinan 250353, China

Deadline for manuscript  
submissions:

**closed (30 November 2022)**

### Message from the Guest Editors

Dear Colleagues,

To navigate away from globally catastrophic climate change, the target of carbon peak and carbon neutrality has been put forward worldwide, and renewable biomass resources have also aroused wide attention in the last decades. As one of the oldest, cheapest and most abundant biomass resources in nature, cellulose can be fabricated into various cellulose-based materials with a wide range of applications in various fields. There is no doubt that cellulose-based composites are one kind of attractive and important cellulose-based material group. To promote the development of cellulose-based composites and expand their application, this Special Issue is focused on the “Synthesis and Application of Cellulose-Based Composites”.

Prof. Dr. Yudi Kuang

Dr. Guangmei Xia

Dr. Peng Jia

*Guest Editors*





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 5.0.

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