



Preparation and Application of Biomass-Based Materials

Guest Editors:

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:

15 June 2024

Message from the Guest Editors

Dear Colleagues,

To prevent global catastrophic climate change, carbon peak and carbon neutrality targets have been put forward worldwide. In this context, as renewable and biodegradable biomass resources, the most common natural polymers such as cellulose, lignin, chitin, collagen, and so on have also dramatically attracted significant attention in recent decades. Moreover, a large number of biomass-based materials have been developed from these natural polymers, which have a wide range of applications in various fields, such as the packaging, energy, and biomedical fields.

To promote the development of biomass-based materials and expand their application, this Special Issue is focused on the “Preparation and Application of Biomass-Based Materials”.

Dr. Guangmei Xia

Dr. Peng Jia

Guest Editors





polymers



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 (*Polymers and Plastics*)

Contact Us

Polymers Editorial Office
MDPI, St. Alban-Anlage 66
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)