

Special Issue

Latest Research and Applications of Cellulose and Nanocellulose

Message from the Guest Editors

This Special Issue of *Polymers* is dedicated to the Latest Research and Applications of Cellulose and Nanocellulose. Cellulose is one of the most abundant biomass resources in the world. Nanocellulose has attracted a great deal of interest in scientific and industrial fields as a reinforcing filler in polymeric composites due to its abundant availability, good renewability, excellent biodegradability, light weight, desirable mechanical properties, and high surface area. The as-prepared composites are able to replace conventional composites. By properly modifying NCC, some functional nanomaterials with exceptional properties or considerably improved physical, chemical, biological, and electronic properties can be developed. In order to review the latest research and to explore potential future developments of biomass, the present Special Issue welcomes submissions on all aspects of biomass-based composite materials ranging from cellulose to nanocellulose, lignocellulose, and lignin, with their production and characterization to surface modification, processing, and new applications.

Guest Editors

Dr. Yanyan Dong

Dr. Shan Liu

Dr. Wentao Cao

Prof. Dr. Mingguo Ma

Dr. Mingqiang Zhu

Prof. Dr. Heyu Chen

Deadline for manuscript submissions

closed (25 October 2023)



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/131013

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)