



Structure-Property Relationships in Natural Polymers

Guest Editor:

Dr. Congde Qiao

School of Materials Science &
Engineering, Qilu University of
Technology, Jinan 250353, China

Deadline for manuscript
submissions:

closed (30 November 2023)

Message from the Guest Editor

The physical properties of polymers are controlled by their structure. The properties of synthetic polymers are relatively simple, as their structure is definite. However, the structure of natural polymers is very complicated, and their properties are diverse. Up to now, the structure–property relationships of natural polymers have been unclear, although extensive studies have been devoted to this issue. Due to their distinctive advantages of biodegradability, low toxicity, biocompatibility, and availability, natural polymers have been widely used in many different fields, including biomedicine, food, chemical, and so on. Thus, a quantitative understanding of the relationship between structure and properties is vital for the preparation, processing, and application of natural polymer materials.





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)