

## Special Issue

# Advances in Sustainable Polymers from Biomass

### Message from the Guest Editors

At a time when environmental awareness is increased and sustainability is emphasized, environment-friendly or green materials have been at the front of research. In view of this situation and also because of the increasing awareness of the limited nature of fossil fuels, energy, chemicals, or materials from renewable resources are receiving extensive and intensive research attention. Materials derived from biomass have become a research thrust from both academy and industry. In particular, development of sustainable polymers from lignocellulosic biomass is growing and evolving rapidly. To reflect advances in this area, this Special Issue is aimed at reporting recent advances in sustainable polymers. Manuscripts covering materials from, but not limited to, lignin, cellulose, and hemicellulose and their composites with other polymers, especially biobased and degradable polymers are welcome.

---

### Guest Editors

Prof. Dr. Hui Sun

College of Chemistry and Materials Engineering, Beijing Technology and Business University, Beijing 100048, China

Prof. Dr. Yunxuan Weng

Beijing Key Laboratory of Quality Evaluation Technology for Hygiene and Safety of Plastics, Beijing Technology and Business University, Beijing 100048, China

---

### Deadline for manuscript submissions

closed (20 September 2022)



## Polymers

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



[mdpi.com/si/113503](https://mdpi.com/si/113503)

*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto: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)