



## Lignin: Structure, Properties, and Application in Composite Materials and Chemicals

Guest Editors:

**Dr. Tingting You**

Beijing Key Laboratory of  
Lignocellulosic Chemistry, Beijing  
Forestry University, Beijing  
100083, China

**Prof. Dr. Feng Xu**

Beijing Key Laboratory of  
Lignocellulosic Chemistry, Beijing  
Forestry University, Beijing  
100083, China

Deadline for manuscript  
submissions:

**closed (15 July 2023)**

### Message from the Guest Editors

Dear Colleagues,

Lignin, an aromatic plant polymer, along with its associated compounds, is one of the most appealing renewable material precursors for materials, phenolic compounds, and fuels, which can be used as sensors, photocatalysts, biomedical systems, etc. This Special Issue welcomes experimental studies and excellent in-depth reviews focusing their attention on isolating high-purity and uniform lignin and making new materials and chemicals from lignin and its associated compounds for the benefit of society. Topics include isolation/fractionation and characterization of lignin streams derived from new treatment; lignin structure–property relationships of composite materials and chemicals; potential large-scale applications of lignin, such as lignin-based adhesives used for the production of eco-friendly wood composite materials; other composites from lignin associated compounds.





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](http://www.mdpi.com)

[mdpi.com/journal/polymers](http://mdpi.com/journal/polymers)  
[polymers@mdpi.com](mailto:polymers@mdpi.com)  
[X@Polymers\\_MDPI](https://twitter.com/Polymers_MDPI)