

Special Issue

Lignin Based Materials: Structure, Properties and Applications

Message from the Guest Editors

You are kindly invited to contribute interdisciplinary and original research articles and review articles focused on the structure, properties, and applications of lignin.

Welcomed submissions include, but not limited to, the topics listed below:

- Influence of lignin impurities on its valorization and applications
- Separation and purification technologies of lignin-derived compounds and applications
- Functional lignin-based materials: hydrogels, nanocarriers, biosorbents, nanoparticles
- Chemical modification of lignin to develop tailored lignin-derived products
- Application of lignin in coatings, adhesives, resins, plasticizers and flame retardants
- Antioxidant performance of lignin in real application (applied tests, not just standard methods)
- Improving UV absorbance of lignin
- Structure-properties-performance relationships
- Regulatory and economic hurdles to bring high-value lignin applications to the market
- Fast and easy analytical methods for industrial process control
- Approaches to produce lignins with constant quality
- Performance of sulfur-free lignins compared to pulp and paper lignins

Guest Editors

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Deadline for manuscript submissions

closed (25 May 2023)



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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

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