

## Special Issue

# Biomass-Derived Polymers: Synthesis, Structure-Property Relationship and Applications

### Message from the Guest Editors

Over the past several decades, the extensive use of fossil-based polymers (FBPs) has caused severe environmental pollution and health risks. The development and application of sustainable and eco-friendly polymeric materials has aroused increasing concerns to address the problems caused by FBPs, and biomass-derived polymers (BDPs) are some of the most promising candidates. To deepen the applications of BDPs, it is quite significant to design the molecular structure and clarify the structure-property relationship of BDPs. The aim of this Special Issue is to provide a platform for researchers to show their new findings and ideas focusing on the synthesis, structure-property relationships, application performance and environmental impact of BDPs used in packaging, adhesives, elastomers, coatings, etc.

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### Guest Editors

Dr. Wei Ding

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### Deadline for manuscript submissions

closed (15 February 2024)



## Polymers

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### 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 4.9.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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