

## Special Issue

# Sustainable Polymers for Papermaking and Packaging

### Message from the Guest Editors

This Special Issue focuses on the development of new polymeric materials for papermaking and packaging, produced in an environmentally, economically, and socially responsible manner to protect resources and reduce environmental impact. Plastics, composed mainly of polymers, are widely used in packaging due to their cost-effectiveness, stability, barrier properties, mechanical strength, and tunable features. Sustainable options include furan dicarboxylic acid-based polyesters, polylactic acid, poly(butylene succinate), and their copolymers. Paper, a renewable and biodegradable material, is favored in both the papermaking and packaging industries for its recyclability and safety, but has poor barrier and mechanical properties. It can be chemically modified or combined with polymers to improve strength, resistance, and printability. This Special Issue welcomes research and review articles on novel polymer solutions for sustainable papermaking and packaging, including monomaterial and polymer/paper hybrid systems.

### Guest Editors

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### Deadline for manuscript submissions

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## 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 4.7.

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.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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