

Special Issue

Biobased Polymers and Their Structure-Property Relationships

Message from the Guest Editors

Plastic pollution and the reduction in the use of oil-derived plastics has become a daily theme in social and scientific debate, leading to advancements in the development of biobased polymers. These materials, produced from annually renewable resources, are promising candidates to be eco-friendly substitutes for oil-based plastics, contributing to the global effort to create a circular economy and minimize the environmental footprint.

This Special Issue considers this context, delving into the relationship between the structures of biobased polymers based on processing and their properties, which determine their applications across various industrial fields.

Here, we present an overview of recent developments in biobased polymer research to shed light on the links between polymers' architectures and their mechanical, chemical and physical properties.

Research articles, reviews, and short communications focused on the various aspects of structure–property relationships of biobased polymers are welcome, with our aim being to push the boundaries of the sustainability of polymer science.

Guest Editors

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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