

## Special Issue

# Sustainable Biopolymer-Based Composites and Nanocomposites: Functionalization, Processing, Characterization

### Message from the Guest Editors

*Polymers* is pleased to announce an upcoming Special Issue dedicated to biopolymer-based composites and nanocomposites. The fascinating field of sustainable composites and nanocomposites has progressed rapidly in recent decades. Consequently, extensive academic research has been conducted to enable applications in the various plastics processing sectors. Composites and nanocomposites based on biopolymers are on the rise. Several arguments justify using these materials, which are ecological materials, sustainable, good processable, possess relatively low weight, and yield social benefits. Furthermore, when the fillers/nanofillers are well distributed and dispersed, composites and nanocomposites can present good mechanical, thermal, thermomechanical, electrical, and electromagnetic properties. On account of this, extensive attention is paid to producing sustainable composites and nanocomposites to replace basic polymers. This Special Issue highlights progress in biopolymer-based composites and nanocomposites, processing, characterization, properties, and applications.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2025)



## 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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