

## Special Issue

# Advances in Biopolymers and Biobased Polymers: Engineering Innovations and Applications

### Message from the Guest Editors

Biopolymers have attracted significant interest in engineering fields due to their renewability, biodegradability, and unique properties for specific applications. Biopolymers are transforming engineering disciplines by offering sustainable and versatile alternatives to traditional materials. With such tailorability and tunable properties, biopolymers fit into a wide scope of applications, including structural, environmental, and energy systems. By addressing challenges such as scalability, performance optimization, and long-term durability, biopolymers hold the potential to significantly affect the field of engineering and incorporate new sustainable methods into engineering practices. This Special Issue will focus on the development, characterization, and application of biopolymers in sophisticated engineering contexts. We intend to provide a platform for delivering both original research and thorough review works that highlight problems and perspectives related to the adoption of biopolymers for engineering applications.

### Guest Editors

Dr. Ilhan Chang

Department of Civil Systems Engineering, Ajou University, Suwon-si 16499, Gyeonggi-do, Republic of Korea

Dr. Hadi Fatehi

School of Engineering and Built Environment, Griffith University, Nathan, QLD 4111, Australia

### Deadline for manuscript submissions

closed (31 July 2025)



## Polymers

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*Polymers*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[polymers@mdpi.com](mailto:polymers@mdpi.com)

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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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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