

## Special Issue

# Mechanic Properties of Polymer Materials

### Message from the Guest Editor

Polymer materials are widely used because of their light weight and excellent mechanical properties, either alone or as the matrix of composites. To rational design polymer materials based on needs, the relationship between the polymer microstructure and the effective macroscopic properties is currently a focus of research and requires continued exploration. We are pleased to invite you to share research results and exchange ideas on the fabrication, testing, and modelling of high-performance polymers. This Special Issue aims to provide a comprehensive overview of current knowledge. In this Special Issue, original research articles and reviews are welcome. Research areas may include the elasticity, viscoelasticity, yield, and fracture of polymer materials, the design and fabrication of polymer composites, and the accurate and fast testing methods for the mechanical properties of polymers. We look forward to receiving your contributions.

### Guest Editor

Prof. Dr. Li Li

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### Deadline for manuscript submissions

closed (31 August 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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