

## Special Issue

# Advances in High-Performance Polymer Materials

### Message from the Guest Editor

As an important branch of materials, high-performance polymer materials play an indispensable role in human daily life, microelectronics, semiconductors, the automobile industry, aerospace applications, sustainable development, etc. However, achieving a desirable balance between functionalities and physical properties for high-performance polymers remains a great challenge from a molecular design perspective. This Special Issue aims to collect recent progress, achievements, breakthroughs, challenges, and future directions of different types of high-performance polymers for various applications. Studies on high-performance polymer material fabrication methods, characterization techniques, simulations, and evaluation of polymers for specific applications are also encouraged. Papers from polymer scientists, organic chemists, chemical engineers, materials scientists, processing technologists, and physicists are welcome.

### Guest Editor

Dr. Xingfeng Lei

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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 4.7.

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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