

## Special Issue

# Application and Development of Polymer Hydrogel

### Message from the Guest Editor

With the development of society, hydrogels have attracted wide attention from various industries due to their excellent hydrophilicity, biocompatibility, and multifunctionality. Multifunctional hydrogels have superior properties (e.g., self-healing, high conductivity, self-adhesion, and excellent mechanical properties) and have been widely studied in multiple applications such as biomedical fields, drug delivery systems, flexible sensors, and tissue engineering. This Special Issue aims to collect papers related to the application and research of hydrogels. Reviews or articles on the application and characterization of polymer hydrogels and the development and research of polymer hydrogels are welcome. Scholars in related fields are welcome to actively contribute.

### Guest Editor

Dr. Fei Han

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### Deadline for manuscript submissions

15 December 2025



## Polymers

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Impact Factor 4.9  
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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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