

## Special Issue

# Stimuli-Responsive Polymers: Fabrication and Application

### Message from the Guest Editor

In view of the diverse explorations of functional polymers, we are delighted to open a new Special Issue entitled “Stimuli-responsive Polymers: Fabrication and Applications”. Responsive-polymer-based materials are capable of altering their chemical and/or physical properties upon exposure to external stimuli. These materials have been intensively studied over the years for a diverse range of applications, e.g., for on-demand drug delivery, tissue generation/repair, biosensing, smart coatings, and artificial muscles. This Special Issue of *Polymers* will cover a broad range of research activities, such as synthesis, stimuli responsiveness, physical or chemical property changes, and applications, as well as a broad range of polymeric systems such as solutions, films, brushes, self-assembling systems, gels, supramolecular polymers, etc. This Special Issue aims to collect recent findings and comprehensive reviews from experts in this very active field of research. Special Issue Link: [https://www.mdpi.com/journal/polymers/special\\_issues/29W427B61M](https://www.mdpi.com/journal/polymers/special_issues/29W427B61M)

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### Guest Editor

Dr. Lingyan Liu

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### Deadline for manuscript submissions

closed (15 June 2025)



## Polymers

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## About the Journal

### 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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