

## Special Issue

# Environmentally Responsive Polymer Materials

### Message from the Guest Editors

With the continuous development of science and technology, materials itself has become more and more "intelligent" and used to adapt to changes in complex environments. Environmentally responsive polymer materials, also known as sensitive polymer materials or stimulus-responsive polymer materials, are, through the molecular design and organic synthesis method, designed to have advanced functions provided by biology, in which external stimuli can quickly produce a response, causing a change in the structure, physical properties, and chemical properties. At the macromolecular level, the response behavior of the polymer chain segments can be achieved through a variety of changes, including its own hydrophilic and hydrophobic equilibrium, solubility, conformation, degradability, breaking of chemical bonds, and self-assembled structures with detection behavior.

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### Guest Editors

Dr. Ning Li

Dr. Dezhi Qu

Dr. Xiaoyong Zhang

Dr. Guangyu Wu

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### Deadline for manuscript submissions

closed (31 July 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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