

## Special Issue

# Smart Polymers for Stimuli-Responsive Devices

### Message from the Guest Editor

Smart materials have attracted intensive attention due to their fancy properties and wide applications. Among them, smart polymers develop rapidly both in industry and academic research. There are a lot of smart polymers or polymer composites such as self-healing polymers, liquid crystal dimming films, stimuli-responsive hydrogels, liquid crystal elastomers, and so on. They have promising applications in smart windows, wearable/implantable devices, soft robotics, sensors, anti-counterfeit labels and so on. In this Special Issue, we aim to unearth the new advances in smart polymers and polymer composites. Any breakthrough on the material or application of smart polymer is welcome. The synergistic coupling of polymers with nanomaterials can spark new ideas about functionality and performance enhancement. Thus, we seek to spotlight discoveries that encompass a wide spectrum of topics and research articles or reviews concerning the topic are both welcome.

### Guest Editor

Dr. Cheng Zou

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### Deadline for manuscript submissions

25 December 2025



## Polymers

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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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