

## Special Issue

# Functional Polymer-Associated Self-Healing Materials

### Message from the Guest Editors

Material degradation occurs everywhere in our daily life. The combination of environment and load causes the deterioration of materials and structures. There have been many renovation methods for repairing damaged materials and structures. Traditional renovation technology needs periodical maintenance. It is a post renovation, passive mode and could result in a high cost. In contrast, in nature, damage can usually be self-healed. Thus, structures that mimic nature and self-healing could be of great interest and have attracted more and more researchers' attention. Self-healing technology has been proposed and developed recently. This Special Issue aims to highlight various aspects of self-healing materials, which include novel schemes, physical and chemical properties, evaluation, and future applications. We look forward to your exciting contributions.

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### Guest Editors

Prof. Dr. Xianfeng Wang

Dr. Jun Ren

Prof. Dr. Biqin Dong

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### Deadline for manuscript submissions

closed (25 September 2024)



## 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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