

## Special Issue

# Recent Advances in Functional Polymer Materials for Water Treatment

### Message from the Guest Editors

Polymer materials show great potential in wastewater treatment because of their unique physical and chemical properties, such as large molecular weight, controllable structure, large surface area and easy modification. With the rapid development of materials science, new polymer materials show excellent performance, such as new flocculants, scale inhibitors, functional filtration membranes, ion-exchange resins, selective adsorption materials, modified functional fibers, as well as nanocomposite materials and hybrid nanomaterials used in microbial fuel cell electrodes. Based on the above information, we would like to publish a Special Issue (SI) pertaining to recent advances in functional polymer materials for water treatment. This SI aims to provide a platform for researchers to disseminate recent advances in the fundamentals, science and technology of polymeric materials for use in water treatment.

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### Guest Editors

Dr. Zhiwei Wang

Dr. Tongtong Wang

Prof. Dr. Yanzhu Guo

Dr. Jian Zhang

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### Deadline for manuscript submissions

closed (15 March 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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