

## Special Issue

# Reduction of Pollution and Carbon Emissions, Functional Polymeric Materials for Adsorption and Catalysis

### Message from the Guest Editor

In recent years, polymers have gained considerable attention in pollution and carbon reduction efforts due to their high specific surface area and porosity.

Additionally, by modifying their structures and chemical properties, polymers can be tailored for high selectivity in removing specific substances. Moreover, polymers can be combined with other materials to form composites, introducing new characteristics and enhancing removal efficiency. Overall, polymers have demonstrated significant potential and broad application prospects in pollutant and greenhouse gas removal, making them crucial materials for environmental protection and sustainable development. Therefore, the development of high-performance, environmentally friendly polymers is key to addressing environmental pollution in the industrial sector.

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### Guest Editor

Dr. Li Jia

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### Deadline for manuscript submissions

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## 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 4.7.

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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