

Special Issue

Functional Polymeric Materials for Environmental Applications

Message from the Guest Editor

This Special Issue of *Polymers* focuses on the design, synthesis, and application of functional polymeric materials to address pressing environmental challenges, particularly in water treatment and environmental remediation. It highlights how polymer materials, with their tunable structures, high surface areas, and facile functionalization, can be engineered to selectively remove diverse pollutants such as heavy metals, organic dyes, pharmaceuticals, and emerging contaminants from water bodies, while offering operational stability and cost-effectiveness. The collection emphasizes innovative strategies in polymer development, including tailored adsorption capabilities, advanced separation mechanisms, and enhanced material durability, to tackle complex pollution scenarios and improve environmental sustainability. Overall, this Special Issue brings together research and reviews that advance both fundamental understanding and practical implementations of functional polymers for environmental applications, aiming to promote sustainable and efficient remediation technologies.

Guest Editor

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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 5.8.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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