

Special Issue

Advanced Polymeric Materials for Wastewater Treatment

Message from the Guest Editor

This Special Issue focuses on the emerging role of advanced polymeric materials in wastewater treatment, a crucial area in environmental science and engineering. With increasing water pollution, innovative polymeric materials offer promising solutions for effective and sustainable wastewater management. These materials are being developed for various applications, including adsorption, filtration, and catalysis, improving efficiency, selectivity, photocatalysis, and environmental compatibility. We seek contributions that explore novel polymer synthesis; functionalization techniques; and the development of polymer-based membranes, adsorbents, and photocatalysts. Topics of interest include but are not limited to polymeric membranes for filtration, biodegradable polymers, and challenges in scaling up these technologies. Researchers and experts in polymer science, materials chemistry, and environmental engineering are invited to submit original research, reviews, and case studies. Your work will contribute to advancing the field and addressing global water challenges through innovative polymeric solutions. We look forward to your submissions and insights.

Guest Editor

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Deadline for manuscript submissions

closed (25 August 2025)



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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 4.9.

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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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