

Special Issue

Advanced Polymeric Membranes: From Fabrication to Application

Message from the Guest Editors

The development of advanced polymeric membranes has revolutionized separation technologies, offering sustainable and energy-efficient solutions across industries such as water treatment, gas separation, biomedical applications, and renewable energy systems. This Special Issue, titled "Advanced Polymeric Membranes: From Fabrication to Application", aims to showcase cutting-edge research and innovations in the design, fabrication, and application of polymer-based membranes, encompassing, but not limited to, the following:

- Novel materials;
- Advanced manufacturing techniques;
- Emerging characterization methods;
- Advanced membrane processes;
- Computational modeling.

Researchers are encouraged to submit original articles, reviews, and short communications that highlight breakthroughs in membrane technology, fostering interdisciplinary collaboration toward next-generation separation systems.

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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.

Editor-in-Chief

Prof. Dr. Alexander Böker

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