

Special Issue

Polymers for Membrane Separation: Fabrication and Applications

Message from the Guest Editors

Today, membrane technology is popular in a wide range of separation applications due to its advantageous characteristics such as efficiency, high stability, and ease of operation. The basis of most membrane processes is membranes made from polymers or polymer composites. Advanced polymeric membranes are always a hot topic of great interest among researchers involved in polymer chemistry, engineering, and applications. Hence, this peer-reviewed Special Issue aims to highlight and promote recent advancements in polymeric membrane technology. We invite the submission of articles and reviews concerning the fabrication, application, theory, and characterization of polymeric membranes. Topics of particular interest include but are not limited to the following:

- Polymeric membranes and polymeric mixed-matrix membranes;
- Membrane preparation and characterization;
- New understanding of membrane formation;
- Transport mechanisms of membrane process;
- Membrane applications in water treatment, gas separation, molecular separation, energy, biomedical devices, and other sustainable processes;
- The modeling and simulation of membrane processes;
- Operation and module design.

Guest Editors

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Deadline for manuscript submissions

closed (15 August 2023)



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About the Journal

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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