

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.

Guest Editors

Dr. Jian Lu

School of Chemistry and Chemical Engineering, Hainan University, Haikou 570228, China

Dr. Yingying Qin

Department of Applied Biology and Chemical Technology, The Hong Kong Polytechnic University, Hong Kong 999077, China

Deadline for manuscript submissions

31 May 2026



Polymers

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.7
Indexed in PubMed



mdpi.com/si/236648

Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

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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

Fraunhofer-Institut für Angewandte Polymerforschung, Lehrstuhl für Polymermaterialien und Polymertechnologie, Universität Potsdam, Geiselbergstraße 69, 14476 Potsdam-Golm, Germany

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