

Special Issue

Advanced Polymer Membranes: Fabrication and Application

Message from the Guest Editors

Membrane technology has emerged as a significant solution to problems associated with gas separations, water treatments, battery applications, optoelectronic applications, films and coatings, tissue engineering, drug delivery, and diagnostics. Advanced polymeric membranes are becoming increasingly feasible because of the rapid advancement of nanotechnology and the processability of polymeric materials. These membranes are finding practical applications in the solutions for crucial energy and environmental challenges. Membrane science and engineering is a multidisciplinary field that includes chemistry, chemical engineering, material science, environmental science, computer simulations, and data science, among other fields. Hence in this peer-reviewed special issue, we invite articles, reviews, and perspectives submissions from a wide range of disciplines that highlight research advances in membrane technology. These scientific advancements may include but are not limited to, novel applications, molecular insights, fabrication processes, performance improvements, and environmental sustainability.

Guest Editors

Dr. Vikramjit Rathee

Department of Chemical and Biomolecular Engineering, University of Notre Dame, Notre Dame, IN 46556, USA

Dr. Alfredo Cassano

Institute on Membrane Technology, ITM-CNR, 87036 Rende, Italy

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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 4.7.

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

Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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