



Advanced Polymer Membranes: Fabrication and Application

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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Message from the Guest Editors

Dear Colleagues,

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.

Dr. Vikramjit Rathee

Dr. Alfredo Cassano

Guest Editors





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Editor-in-Chief

Prof. Dr. Alexander Böker

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

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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.

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
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