

Special Issue

Polymer Membranes: From Synthesis to Applications (2nd Edition)

Message from the Guest Editors

We are pleased to invite you to submit your work to this Special Issue on “Polymer Membranes: From Synthesis to Applications”. This Special Issue will focus on the synthesis, characterization, and applications of polymer membranes. The most used polymeric membrane preparation includes phase inversion, non-solvent-induced phase separation, vapor-induced phase separation, electrospinning, track etching (swift heavy-ion irradiation, chemical etching), and sintering. The aim of this Special Issue is to open for a new preparation method for polymeric membranes. Papers on the physical and chemical structure of polymer membranes, as well as experimental and theoretical developments in this field aiming to provide a better understanding of interconnections, interactions, intermolecular and cross-linked polymeric networks, and their associated beneficial properties for various applications based on polymer membranes (e.g., electrodialysis, ultrafiltration, nanofiltration, microfiltration, osmosis, fuel cells) will be gladly considered.

Guest Editors

Dr. Simona Căprărescu

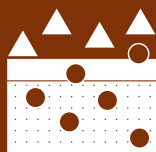
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About the Journal

Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open access journal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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