

Special Issue

Polymeric Membranes Engineered for Different Separation Processes

Message from the Guest Editor

This Special Issue covers the development and characterization of different types of membranes (i.e., flat-sheet, hollow fiber, electrospun nanofibrous, mixed-matrix, multi-layered, etc.) employed in several separation processes (e.g., micro/ultra/nanofiltration, reverse/forward osmosis, membrane distillation, etc.) and applications (e.g., desalination, wastewater treatment, industrial effluent treatment, gas separation, etc.). Key research lines include the preparation of advanced membranes using novel materials, functional additives, or nanocomposites, as well as the development of eco-friendly fabrication methods and membrane modification techniques to enhance membrane separation performance and durability or other relevant properties for the process, such as fouling resistance or mechanical stability. Original research articles, comprehensive reviews, and short communications are all welcome. Submissions should present significant advances in membrane science with strong experimental, theoretical, or computational contributions that support the development of membrane separation technologies.

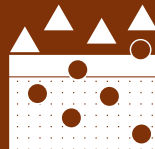
Guest Editor

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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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