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Recent Advances in Desalination Based on Membrane Technologies

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Message from the Guest Editors

Dear Colleagues,

The universal provision of clean water for public health and economics cannot be overstated. Given the increasing demand for fresh water due to the growing population, improving living standards, and rapid industrialization, vigorous research continues to augment water supplies through the desalination of unconventional water sources (e.g., saline aquifers and seawater) by safe, reliable, and affordable membrane technology.

This Special Issue, “Recent Advances in Desalination based on Membrane Technologies”, focuses on recent research regarding novel membranes and desalination technologies. Especially, studies on fouling control strategies for membranes used in desalination are welcomed. Pilot studies on membrane-based desalination processes are also of interest. We accept high-quality research papers as well as review articles. Given your insightful works in the field, we invite you and your colleagues to submit a contribution to this special issue in which leading experts will describe their works, ideas, and findings.



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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.

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