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Advances in Porous Hydrophobic Membrane Materials for Membrane Distillation

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Message from the Guest Editors

As a large quantity of the World's population has been suffering from a lack of clean drinking water, membrane distillation has been playing an important role in desalination and water treatment in recent years. Therefore, it is important to further develop membrane distillation-related research.

The aim of this Special Issue is to gather recent advanced research on hydrophobic porous membranes targets for the membrane distillation process. Topics of interest for this Special Issue include, but are not limited to, membrane hydrophobicity improvement, new hydrophobic membrane structure design, anti-fouling and anti-wetting improvement, or the development of new membrane material for membrane distillation. Research could also focus on desalination or water treatment by membrane distillation, such as the treatment of industrial wastewater or other waters with pollutants. A possible research direction could also be the design of the membrane distillation configuration to improve the efficiency of the process, save energy input, or lower the total cost. We welcome the submission of research articles or reviews in the related area.

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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 accessjournal 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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