Special Issue

Membrane Technology for Water Sustainability: Advances, Applications, and Challenges

Message from the Guest Editor

This Special Issue highlights the importance of membrane technology for achieving water sustainability in the face of increasing water scarcity. Membrane technology plays a crucial role in producing high-quality drinking water, reducing pollution, conserving water resources, and minimizing the environmental impact of traditional water treatment methods. Membrane-based solutions offer efficient and sustainable water treatment and purification processes by selectively removing contaminants while allowing the passage of water. The scientific background of membrane technology encompasses decades of research, resulting in the development of advanced membranes, module designs, and process optimization. This Special Issue aims to explore the latest advancements, challenges, and opportunities in membrane technology for water sustainability, fostering collaboration and innovation in this field.

Guest Editor

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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.

Editor-in-Chief

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