Special Issue

Membrane Processes and Materials for a Sustainable Bioeconomy

Message from the Guest Editor

Over the last decades, considerable effort has been devoted to developing better membranes and extending their range of application to different areas. Membrane processes already play an established role in gas separation and water treatment, and their application in food, pharmaceutical, and health areas has been continuously increasing. In recent years, membrane processes proved to have a key role also in biorefinery and bioenergy production processes, namely for process intensification and products recovery and purification. Moreover, growing environmental concerns have drawn people's attention to the use of fossil-based polymers and toxic solvents for membrane fabrication. Therefore, the development of new membranes, using polymers from renewable sources and more sustainable methods of fabrication, is being pursued. This Special Issue aims to give an overview of the challenges and trends in membrane processes and materials for a sustainable bioeconomy.

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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