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Innovative and Functional Polymer Membranes: Development and Applications

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Message from the Guest Editors

This Special Issue on “Innovative and Functional Polymer Membranes: Development and Applications” seeks contributions to assess the state-of-the-art and future developments in the field of polymeric membrane materials and processes. Discussion on the use of innovative polymer membranes on both a laboratory and a pilot scale, their development, application and industrial exploitation, including the sustainability approach in polymeric membrane preparation, are welcome.

Keywords:

- Membrane preparation
- Polymeric membranes
- New solvents in membrane preparation
- New polymers in membrane preparation
- Hollow fibers
- Nanocomposite membranes
- Mixed-matrix membranes
- Functionalized membranes
- Biopolymers for membrane preparation
- Renewable materials membrane preparation



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Special Issue



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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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