

Special Issue

Advances in Nanocomposite Membranes

Message from the Guest Editors

This Special Issue is devoted to state-of-the-art research on the topics concerning the development of nanocomposite membranes. It covers all the aspects associated to the synthesis of nanomaterials, fabrication of nanocomposite membranes, their modifications, and applications in various membrane-based processes, including gas separation, wastewater treatment, and desalination. **Keywords**

- Functional nanomaterials
- Chemical and physical modifications
- Nanocomposite membranes
- Gas separation
- Wastewater treatment
- Desalination
- Environmental remediation
- Energy
- Biomedical applications
- Sustainability

Guest Editors

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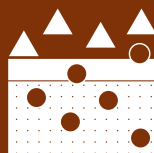
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About the Journal

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.

Editor-in-Chief

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