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Composite Membranes: Preparation and Applications

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closed (30 April 2021)

Message from the Guest Editors

Composite membranes comprise two or more materials, selected to optimize membrane properties and/or performance. They offer a unique avenue for addressing wide ranging environmental, pharmaceutical, and industrial challenges including contaminant sensing and water and wastewater treatment, self-disinfecting surfaces, food packaging, gas separation, petrochemicals, and bioprocessing. Compounding the existing socio-economic and environmental challenges is the COVID-19 pandemic, which has had global implications and has highlighted the need for advancements in sustainable technologies for a changing world.

In light of this, this Special Issue seeks contributions on the state-of-the-art in the synthesis and applications of composite membranes. Original research papers and reviews on the above topics will be considered.

Submissions for this Special Issue could enjoy a **25% discount** on the Article Processing Charge (APC). For details, please contact the guest editors or the editorial office.



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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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