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Zeolitic Membranes for Gas and Liquid Separation: Synthesis and Applications

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Message from the Guest Editors

This Special Issue on "Zeolitic Membranes for Gas and Liquid Separation: Synthesis and Applications" focuses on the recent theoretical and experimental advances in materials chemistry and membrane synthesis, processing, characterization, simulation, and performance, including the issues faced in the design and growth of membranes for gas and liquid separation applications.

This Special Issue aims to highlight and promote recent advances and to create an overview of research activities on zeolitic membrane processes. The topics of interest include, but are not limited to, the following: zeolite and zeolitic metal–organic frameworks (MOFs) for gas and liquid separation; novel membrane materials; novel membrane formation methods; and modification techniques. Concerning applications, apart from gas separation and liquid separation (pervaporation and filtration), membrane reactors have also been an attractive research topic.

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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.

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