



Zeolitic Membranes for Gas and Liquid Separation: Synthesis and Applications

Guest Editors:

Dr. Qing Wang

School of Energy, Materials and
Chemical Engineering, Hefei
University, Hefei 230601, China

Dr. Bin Wang

State Key Laboratory of
Materials-Oriented Chemical
Engineering, College of
Chemistry and Chemical
Engineering, Nanjing Tech
University, Nanjing 210009, China

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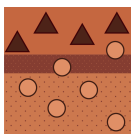
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Message from the Guest Editors

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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Prof. Dr. Spas D. Kolev

School of Chemistry, The
University of Melbourne,
Melbourne, VIC 3010, Australia

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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Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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