Special Issue

Zeolite Membrane: From Microstructure to Separation Performance

Message from the Guest Editors

Zeolite membrane has been widely investigated as an attractive tool in the development of separation processes of both liquid and gaseous components. The separation process targets dehydration, organic-organic separation, gas separation and so on. The microstructure of the membrane plays an important role in the separation mechanism so that it is very important to understand quantitatively a relationship between the microstructure and separation performance. This special issue focuses on the understanding of the microstructure and the separation performance. We welcome contributions from all fields of fundamental, application, and industrial. We are looking forward to your contribution and would like to share the recent progress among zeolite membrane researchers.

Keywords:

- Zeolite membrane
- Microstructure
- Characterization
- Separation performance
- Pervaporation
- Vapor permeation
- Gas permeation

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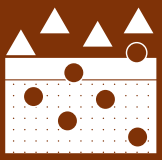

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Message from the Editor-in-Chief

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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