



an Open Access Journal by MDPI

## Recent Progress in Synthesis and Application of Zeolite Membrane

Guest Editors:

**Dr. Xiaoyu Wang**

Chemical and Biomolecular  
Engineering Department,  
University of Notre Dame, Notre  
Dame, IN, USA

**Prof. Dr. Sohail Murad**

Illinois Institute of Technology,  
Chicago, IL, USA

Deadline for manuscript  
submissions:

**closed (31 January 2023)**

### Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to contribute to this Special Issue of *Membranes* on “Recent Progress in Synthesis and Application of Zeolite Membrane”. This Special Issue aims to summarize and introduce recent progress on the synthesis and applications of zeolite and zeolitic materials.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: characterization of zeolites, fabrication of zeolitic materials, designing synthesis for new porous zeolitic materials, applications of zeolitic membranes, simulations and multiscale modeling on zeolitic materials, and catalytic processes on zeolite membranes.

We look forward to receiving your contributions.

Dr. Xiaoyu Wang  
Prof. Dr. Sohail Murad  
*Guest Editors*



[mdpi.com/si/116208](https://mdpi.com/si/116208)

# Special Issue



an Open Access Journal by MDPI

## Editor-in-Chief

### 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (Polymer Science) / CiteScore - Q1 (Chemical Engineering (miscellaneous))

## Contact Us

---

Membranes Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/membranes](http://mdpi.com/journal/membranes)  
[membranes@mdpi.com](mailto:membranes@mdpi.com)  
[X@Membranes\\_MDPI](https://twitter.com/Membranes_MDPI)