



Preparation and Application of Advanced Porous Membranes

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submissions:
closed (27 August 2023)

Message from the Guest Editors

We are pleased to invite you to submit your original research work or review article to this Special Issue entitled **“Preparation and Application of Advanced Porous Membranes.”** Porous membrane materials show a fascinating application prospect in membrane technology due to their uniform and regular pore structures.

This Special Issue aims to provide a platform for authors to publish their latest research results on the **preparations and applications of porous membranes**. Potential relevant themes to this research topic may include, but are not limited to, the following:

- Prepared methods of porous membranes. (preparation technology, scalable production, etc.).
- Structure and morphology control of porous membranes.
- Preparation of new porous materials.
- Performance of porous membranes (permeability, selectivity, stability, etc.).
- Membrane processes.
- Computational studies on porous membranes.
- Application of porous membranes (gas/ion/organic molecules separation, sensing, catalysis, ion/molecular transport, etc.).

We look forward to receiving your outstanding work for this 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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