

## Special Issue

# Advance in Metal–Organic Framework (MOF) Membranes

### Message from the Guest Editors

Membrane technology has achieved significant progress in recent decades, owing to its high separation efficiency, low energy consumption, small footprint, and low capital cost. Metal–organic frameworks (MOFs), a class of highly porous crystalline materials with ordered porous topology and tunable chemical functionality, have demonstrated great potential as competent membrane material. This Special Issue on “*Advance in Metal–Organic Framework (MOF) Membranes*” focuses on the latest 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 MOF membranes for separation applications.

### Guest Editors

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### Deadline for manuscript submissions

closed (29 February 2024)



## Membranes

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## About the Journal

### 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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### Editor-in-Chief

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