

Special Issue

The Latest Achievements and Study Progress of Metal–Organic Framework (MOF) Membrane

Message from the Guest Editors

MOFs as a new type of new organic–inorganic hybrid material have attracted attention for their advantageous features, such as permanent porosity, tunable pore size and function, structure diversity, and large surface area. As a result, the idea of incorporating MOFs into the form of membranes has been successfully prepared and widely used in the fields of separation, catalysis, optics, sensing, etc. This Special Issue aims at soliciting research articles to encompass the recent advances in the fields of structural chemistry and functional materials for establishing the structure and property relationships in MOF membranes. Potential topics include, but are not limited to, the synthesis, characterization, and optimization of MOF membranes, functional MOF membranes in separation, catalysis, electrochemistry, sensing, etc. In this Special Issue, all types of manuscripts (review/article/communications..) will be considered for publication. We look forward to your contribution.

Guest Editors

Dr. Hui Cui

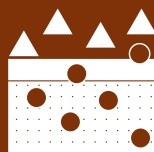
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Deadline for manuscript submissions

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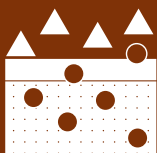


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About the Journal

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.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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