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## Advances in MOF-Based Membranes

Guest Editors:

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Deadline for manuscript  
submissions:  
**closed (31 January 2022)**

### Message from the Guest Editors

Dear colleagues,

This special issue on “Advances in MOF-based membranes” of the journal *Membranes* seeks contributions to advance the field of pure MOF films and MOF composite membranes through experimental and computational studies. Topics include, but are not limited to, new strategies and techniques for the design, synthesis and processing of MOF-based membranes, fine-tuning of the MOF-polymer interface interactions, techniques for improving MOF adhesion to porous supports, overcoming the selectivity and permeability trade-off, improving the membrane mechanical strength, remarkable membrane performance, novel applications and paving the industrial exploitation of MOF-membranes. Authors are invited to submit their new findings; all research papers and reviews are welcome.



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# Special Issue



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## Editor-in-Chief

### Prof. Dr. Spas D. Kolev

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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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