Special Issue

MOFs Thin-Films for Technical Applications

Message from the Guest Editor

Porous coordination polymers (PCPs) or metal–organic frameworks (MOFs) are fascinating materials composed of inorganic metal ions and organic poly-topic complex linkers, which are linked together by strong coordination bonds. These highly porous and crystalline materials possess various functionalities. By employing heteroepitaxy via layer-by-layer procedures, different types of hetero-MOFs can be integrated with several functionalities, making them suitable for various applications. This Special Issue invites contributions that focus on the diverse applications of MOFs, including gas sensing and water treatment. We welcome both experimental and computational contributions in the broad field of pure and/or hybrid SURMOFs and MOF-based membranes.

Guest Editor

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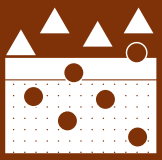

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Message from the Editor-in-Chief

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 accessjournal 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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