Special Issue

Hydrophobic Membranes

Message from the Guest Editors

The selective transfer of volatile components in mixed matrices makes hydrophobic membranes preferable in gas separation, transmembrane chemical absorption, pervaporation, membrane distillation, and other applications. However, the fouling issues and trade-off effect between selectivity and permeability are inevitable for hydrophobic membranes, same to the other membrane types. Moreover, wetting of hydrophobic membranes and the induced doubt on process endurance/efficiency/technology readiness level are all barriers against its further development. Consequently, there exists a great gap between laboratory research and industrial applications for hydrophobic membranes, which requires numerous effort to critically discuss the current status and further potentials for hydrophobic membrane. This Special Issue aims to collect the recent contribution, state-of-the-art progress, and novel perspective about hydrophobic membranes.

Guest Editors

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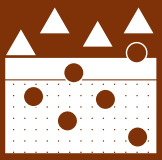

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You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open accessjournal of membrane technology published 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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