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Hydrophobic Membranes

Guest Editors:

Dr. Chunrui Wu
State Key Laboratory of Separation Membranes and Membrane Processes, School of Material Science and Engineering, Tiangong University, Tianjin 300387, China

Dr. Le Han
College of Environment and Ecology, Chongqing University, Chongqing 400045, China

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Message from the Guest Editors

Dear Colleagues,

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.

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Editor-in-Chief

Prof. Dr. Spas D. Kolev
School of Chemistry, The University of Melbourne, Melbourne, VIC 3010, Australia

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).

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Contact Us

Membranes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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