Special Issue

Effectivity Improvement for Forward Osmosis Water Treatment Technologies

Message from the Guest Editors

Recently, research on the development of a novel draw solution to reduce reverse solute diffusion, emerging membrane material fabrication to eliminate concentration polarization, and membrane fouling control technology, has become the focus of researchers and engineering technicians. Forward osmosis (FO) has attracted more and more attention in the applied research as regards its utilization in resource recovery, sludge dewatering and industrial wastewater concentration since 1996. Although the FO process has broad potential applicability, researchers should closely focus on solving the obstacles of the forward osmosis membrane process, fully exploiting its advantages and broadening this technology's application range to make FO technology more efficient and sustainable in wastewater treatment.

- forward osmosis membrane
- membrane separation
- membrane fouling
- draw solution
- concentration
- recovery

Guest Editors

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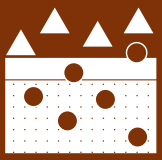

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Message from the Editor-in-Chief

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

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