Special Issue

Research and Innovation on Reverse and Forward Osmosis Membrane Processes

Message from the Guest Editor

Reverse osmosis (RO) and forward osmosis (FO) are two important membrane-based processes whose applications have continued to expand. Although RO and FO are primarily utilized in seawater desalination and wastewater treatment processes, the applicative potential of these two membrane processes has been steadily growing. The research and development of organic solvent reverse osmosis (OSRO) and organic solvent forward osmosis (OSFO) membrane processes for the treatment of non-aqueous solutions have garnered particular attention in recent years. This Special Issue aims to provide an overview of recent developments in RO and FO membrane technology, and authors are invited to submit contributions on topics including, but not limited to, the following: novel RO, FO, OSRO and OSFO membrane materials; novel draw solute materials for FO and OSFO membrane processes; emerging application areas of RO, FO, OSRO and OSFO membrane processes; and hybrid RO, FO, OSRO and OSFO membrane processes.

Guest Editor

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Deadline for manuscript submissions

closed (20 June 2025)

Membranes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/si/199651

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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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