



an Open Access Journal by MDPI

## Membrane Distillation for Desalination and Wastewater Treatment

Guest Editors:

### Dr. Yuan Liao

College of Environmental Science and Engineering, Nankai University, Tianjin, China

### Dr. Le Han

College of Environment and Ecology, Chongqing University, Chongqing 400045, China

### Dr. Jingge Ju

School of Textile Science and Engineering, Tiangong University, No. 399 BinShuiXi Road, XiQing District, Tianjin 300387, China

Deadline for manuscript submissions:  
**closed (28 February 2022)**

### Message from the Guest Editors

Over the past decade, membrane distillation have been widely investigated for a variety of academic works and industrial applications. Membrane distillation is now widely accepted as an economic and competitive process for desalination and wastewater treatment.

This Special Issue seeks contributions to assess the state-of-the-art and future developments in the field of Membrane Distillation. Topics include but are not limited to development and characterization of novel membranes, novel membrane distillation processes, membrane wetting, membrane fouling and scaling, heat and mass transfer phenomena, energy consumption, demonstration efforts and industrial exploitation. Authors are invited to submit their latest results; both original papers and reviews are welcome.

We look forward to receiving your outstanding work for this Special Issue.



[mdpi.com/si/97048](https://mdpi.com/si/97048)

# Special Issue



an Open Access Journal by MDPI

## 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).

*Membranes* is an international, peer-reviewed open access journal 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (Polymer Science) / CiteScore - Q1 (Chemical Engineering (miscellaneous))

## Contact Us

---

*Membranes* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/membranes](http://mdpi.com/journal/membranes)  
[membranes@mdpi.com](mailto:membranes@mdpi.com)  
[X@Membranes\\_MDPI](https://twitter.com/Membranes_MDPI)