

## Special Issue

# Advancement in Engineering Osmosis (EO)

### Message from the Guest Editors

This Special Issue aims to provide a comprehensive coverage on the recent developments in EO processes. The topics include, but are not limited to, membrane fabrications, novel draw solutes, system designs, fouling control, membrane transport and process modeling, up-scaling demonstrations, and (techno)economic reviews. We welcome all interested authors to submit your original articles, reviews and perspectives on any of the topics above. **Keywords:**

- Forward osmosis (FO);
- Pressure-retarded osmosis (PRO)
- Pressure-assisted osmosis (PAO)
- Membrane fabrication
- Membrane module design
- Membrane fouling
- Transport modeling
- Process modeling
- (Techno)economic review

---

### Guest Editors

Dr. Yining Wang

Dr. Priyesh A. Wagh

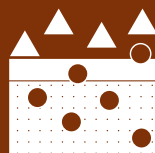
Dr. Miao Tian

Dr. Kunli Goh

---

### Deadline for manuscript submissions

closed (31 July 2021)



## Membranes

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 7.9  
Indexed in PubMed

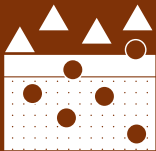


[mdpi.com/si/58131](https://mdpi.com/si/58131)

*Membranes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[membranes@mdpi.com](mailto:membranes@mdpi.com)

[mdpi.com/journal/  
membranes](https://mdpi.com/journal/membranes)





# Membranes

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 7.9  
Indexed in PubMed



[mdpi.com/journal/  
membranes](https://mdpi.com/journal/membranes)



## About the Journal

### 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.

---

### Editor-in-Chief

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

---

### 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))