

Special Issue

Membrane Science and Engineering for a Sustainable Future: IMSTEC 2025

Message from the Guest Editors

We are pleased to invite submissions to a **Special Issue in *Membranes***, featuring selected contributions from the **International Membrane Science and Technology Conference (IMSTEC 2025)**. This Special Issue aims to highlight **cutting-edge research and technological innovations** presented at IMSTEC 2025, showcasing the latest advancements in membrane materials, processes, and applications. **As a special benefit, all IMSTEC 2025 attendees are eligible for a minimum 20% discount on the article processing charge for submissions to this Special Issue. Topics of Interest Include, but are not Limited to:**

- Novel membrane materials and fabrication strategies
- Advances in separation processes and performance optimization
- Membranes for energy applications (e.g., hydrogen production, fuel cells)
- Sustainable and environmentally friendly membrane technologies
- Emerging applications in healthcare and biotechnology
- Theoretical and computational modeling in membrane science
- Industrial applications and scale-up challenges

Guest Editors

Dr. Jingwei Hou

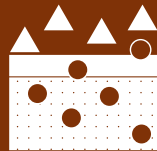
School of Chemical Engineering, University of Queensland, St. Lucia, QLD 4072, Australia

Dr. Nawshad Akther

School of Civil Engineering, Faculty of Engineering, The University of Sydney, Sydney, Australia

Deadline for manuscript submissions

30 November 2026



Membranes

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/234614

Membranes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
membranes@mdpi.com

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





Membranes

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 9.4
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))