

Special Issue

Organic–Inorganic Hybrid Membranes for Separation and Purification Applications

Message from the Guest Editors

This Special Issue seeks contributions to assess the state-of-the-art and future developments in the field of organic–inorganic membranes separation and purification applications. Authors are invited to submit their latest results; both original papers and reviews are welcome. Topics include but are not limited to

- Nanocomposite membrane
- Membrane reactor
- Metal–organic framework membrane
- Mixed matrix membrane
- Organosilica membrane
- Self-organized hybrid membrane materials
- Dynamic site complexant membranes
- Molecular recognition-based hybrid membranes
- Separation and purification application, such as
 - Gas separation
 - Water treatment
 - Energy conversion
 - Hydrogen production
 - Forward osmosis
 - Desalination
 - Ion exchange
 - Other applications
- Transport mechanism
- Separation simulation

Guest Editors

Prof. Dr. Hui-Hsin (Anna) Tseng

Prof. Dr. Ahmad Fauzi Ismail

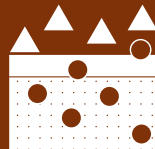
Prof. Dr. Ming-Yen Wey

Prof. Dr. Tomohisa Yoshioka

Dr. David K. Wang

Deadline for manuscript submissions

closed (15 November 2020)



Membranes

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.1
Indexed in PubMed



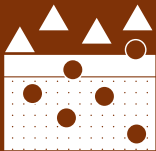
mdpi.com/si/33751

Membranes

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 3.3
CiteScore 6.1
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 (Chemistry, Physical) / CiteScore - Q2 (Chemical Engineering (miscellaneous))