

Special Issue

Advancements in Membrane Technologies for Resource Recovery

Message from the Guest Editors

Membrane technologies have played a crucial role in achieving sustainable resource recovery. As environmental issues arise, the need for efficient, cost-effective, and eco-friendly solutions to retrieve valuable resources from waste streams becomes ever more urgent. This Special Issue on "Advancements in Membrane Technologies for Resource Recovery" aims to collect the latest findings and research progress in this field, emphasizing the role of membranes in achieving sustainable development goals. The Special Issue will cover a broad range of topics, including, but not limited to, the following:

- New membrane materials for resource recovery
- New membrane processes for resource recovery
- Green fabrication techniques
- Hybrid systems and integrated approaches
- Economic and environmental impacts
- Recovery of different resources, such as water, salt, ions, energy and heat.

Guest Editors

Dr. Shuaifei Zhao

Dr. Akbar Samadi

Dr. Zonglin Pan

Dr. Morteza Afsari

Deadline for manuscript submissions

closed (30 December 2024)



Membranes

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed



mdpi.com/si/20811

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 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))