

Special Issue

Advanced Silicon Membranes

Message from the Guest Editors

This Special Issue of *Membranes* on “Advanced Silicon Membranes” is dedicated to providing a comprehensive coverage on the state-of-the-art and future development of advanced silicon membrane technology. Topics include, but are not limited to, single-crystalline silicon, polycrystalline silicon, silicon-based compound materials, porous silicon, nano-porous silicon, MEMS, NEMS, smart membranes, novel membrane fabrication, and novel membrane applications. Authors are invited to submit their latest results; both original papers and reviews are welcome.

Keywords

- Silicon based membrane
- Single crystal
- Polycrystal
- Porous and nanoporous
- Compound materials
- MEMS and NEMS
- Sensors and actuators
- Fabrication
- Applications

Guest Editors

Dr. Jumril Yunas

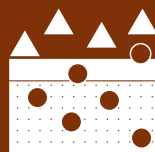
Institute of Microengineering and Nanoelectronics, Universiti Kebangsaan Malaysia, 43600 Bangi, Selangor, Malaysia

Dr. Rhonira Latif

Institute of Microengineering and Nanoelectronics, Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor, Malaysia

Deadline for manuscript submissions

closed (20 October 2021)



Membranes

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed



mdpi.com/si/39592

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))