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## Advanced Silicon Membranes

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Deadline for manuscript submissions:  
**closed (20 October 2021)**

### 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



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## 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.

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