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Membranes for Gas Separation and Purification Processes

Guest Editor:

Dr. Chong Yang Chuah

Singapore Membrane
Technology Centre (SMTC),
Nanyang Environment and Water
Research Institute (NEWRI),
Nanyang Technological
University, Singapore
637141Singapore Membrane
Technology Centre (SMTC),
Nanyang Environment and Water
Research Institute (NEWRI),
Nanyang Technological
University, Singapore 637141,
Singapore

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Message from the Guest Editor

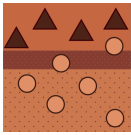
The purpose of this Special Issue is to cover recent progress in membranes in the field of gas separation and purification processes, which are not limited to the development and synthesis of membranes in various configurations (flat sheets and hollow fibers), modelling of gas transport properties, techno-economic analyses, and the eventual verification of the gas separation performance of membranes. Interested authors are welcomed to submit their latest research findings, review papers, perspectives, and review papers on the topics listed above.

Keywords

- Air Separation
- Gas Permeation Test
- Greenhouse Gas Separation
- Hydrocarbon Separation
- Membrane Characterization
- Membrane Contactors
- Mixed-matrix (Composite) Membranes
- Molecular Sieve (Inorganic) Membranes
- Polymeric Membranes
- Process Modelling



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Editor-in-Chief

Prof. Dr. Spas D. Kolev

School of Chemistry, The
University of Melbourne,
Melbourne, VIC 3010, Australia

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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Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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