



State-of-the-Art Membrane Science and Technology in Australasia

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide a comprehensive overview of membrane science in the Australasia region and will include both original research articles and reviews covering novel approaches in the field. **It is also a cooperated Special Issue with MSA Annual Meeting, 2020, as the publication platform.**

Topics include but are not limited to the following:

- Removal of chemicals of emerging contaminants;
- Resource recovery from wastewater;
- Membrane nanotechnology and polymer materials for energy and environmental applications;
- Advanced membranes for gas separations, such as carbon dioxide capture, hydrogen upgrade, and nature gas purification, etc.;
- Stimuli-responsive membranes for catalysis, energy recovery and biomedical applications.

Besides, the researches about biological membranes are also welcome.

We expect that this Special Issue will provide some insights into future directions of membrane technologies from Australia/New Zealand and provide the remaining world with a bright image of what is carried out in the field in our country.

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Guest Editors



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Special Issue



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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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