

Special Issue

Membranes in Gas and Liquid Mixture Separation and Resource Recovery

Message from the Guest Editors

The aim of this Special Issue, entitled "Membranes in Gas and Liquid Mixture Separation and Resource Recovery", is to promote membrane technologies as innovative, environmentally friendly, and inexpensive technologies for gas separation, liquid mixture separation, water treatment, wastewater treatment, and multi-resource recovery. Therefore, the scope of this Special Issue includes, but is not limited to, new approaches in membrane design and synthesis, novel membrane materials, transport phenomena/mechanisms, mathematical modeling, module, and membrane reactor design, novel applications, and industrial exploitation of membrane techniques in gas separation, desalination, water and wastewater treatment, biomedical and tissue engineering, drug delivery, recovery of any type of resources, etc. Authors are welcome to submit original research papers, communications, and review articles. We are very much looking forward to your outstanding contribution to this Special Issue. **Keywords**

- Membrane technology
- Gas separation
- Liquid mixture separation
- Resources recovery

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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

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