Special Issue

Advanced Membranes for Carbon Capture

Message from the Guest Editors

This Special Issue of the journal *Membranes* on "Advanced Membranes for Carbon Capture" seeks contributions to assess the state-of-the-art and future developments in the field of membranes for carbon capture. Topics include, but are not limited to, material development, membrane formation, molecular simulation, transport phenomena, membrane module fabrication and characterization, membrane reactors, process design and demonstration efforts, and techno-economic analysis. **Keywords**

- CO2-selective membrane
- Carbon capture
- Membrane formation
- Characterization
- Demonstration
- Stability

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Deadline for manuscript submissions

closed (15 November 2020)

Membranes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/si/39145

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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 accessjournal 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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