

Special Issue

Applications of Membranes in Processes: Preparation, Characterizations, and Performance Evaluations

Message from the Guest Editor

This Special Issue seeks contributions from all research groups that are currently engaged in the membrane-based applications research, development, and commercialization to reflect the current state of the art and the cutting-edge progress of advanced membranes for the different processes. Potential possible topics are preparation, characterizations and performance evaluations of advanced membranes in below topics, but are not limited to, the following:

- Electrochemical applications
- Energy conversion and storage
- Gas separation process
- Ion exchange membranes
- Chemical separation process
- Hydrogen energy and production
- Bioenergy and biofuels
- Microfiltration, ultrafiltration, nanofiltration, and reverse osmosis
- Hydrocarbon fuel conversion
- Environmental applications
- Green chemistry
- Carbon-based membranes

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2021)



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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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