



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

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 May 2021)

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





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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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