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Electrochemical Membranes for Energy Storages and Fuel Cells

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Deadline for manuscript submissions:
closed (20 April 2022)

Message from the Guest Editors

Dear Colleagues,

The topics of interest for this issue include (but are not limited to) the following:

- Synthesis and application of high-performance/high-stability gel electrolytes for energy storages;
- Synthesis and application of high-performance polymer electrolytes for energy storages and fuel cells;
- Composite electrolyte membranes for energy storages;
- Mechanism of ion conduction through electrolyte membranes;
- Functional separator membranes for batteries and supercapacitors;
- Computational approaches to high-performance membranes development;
- Synthesis of environmentally friendly membranes for energy storages and conversion;
- Investigation of electrode–solid (polymer) electrolyte interfaces.

We look forward to receiving your contributions.

Dr. Seong Ku Kim
Dr. Insung Bae
Guest Editors

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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 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.

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