

Membranes for Electrochemical Applications

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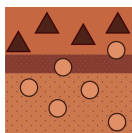
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Message from the Guest Editors

Many electrochemical applications, such as fuel cells and batteries, use membranes for separation purposes. The development of materials for these technologies is currently underway to optimize devices and realize the shift to sustainable energy. This involves determining paths to more stable, cost-effective, and environmentally friendly materials. By characterizing the properties of these materials in the variable environments of battery operation, we can pinpoint beneficial properties as a point of comparison to aid in the development of improved materials and operational protocols for these applications. Characterization is also important in developing models for these systems in order to further our understanding of the electrochemical application. This Special Issue of *Membranes*, entitled “Membranes for Electrochemical Applications”, seeks to include, but is not limited to, recent progress in emerging membranes for electrochemical applications as well as characterizations of membranes for varying electrochemical applications. State-of-the-art and critical reviews and analyses are welcome.





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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 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.

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