Special Issue

Innovative Membrane-Based Approaches to CO_2 Electroreduction: From Fundamentals to Applications

Message from the Guest Editors

This Special Issue will highlight innovative approaches in membrane science and engineering for CO2 electroreduction. Contributions will focus on the design, characterization, and optimization of novel membranes to improve the selectivity, efficiency, and scalability of CO2 conversion to value-added products. Emphasis will be placed on elucidating structure-property relationships, electrocatalysis, functional interfaces, and reactor engineering enabled by advanced membranes.

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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.

Editor-in-Chief

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