Special Issue

Preparation and Application of Ion Exchange Membranes

Message from the Guest Editors

Ion-exchange membranes (IEMs), typically referring to polymeric materials tethered with charged moieties, play significant roles in a wide range of fields of energy and environment, for instance, fuel cells, flow batteries, electrodialysis, and diffusion dialysis. The limited choice of commercially available IEMs has motivated extensive research interest involving novel synthetic strategies, valid characterization techniques, as well as promising applications. This Special Issue aims to provide a platform to pool the wisdom of the masses, to advance this field with a focus on the aspects of mild, cost-effective preparation, profound understanding in ionic transportation mechanisms, and suitable overall performance, to promote rapid development in the related fields. We look forward to receiving your contributions

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Deadline for manuscript submissions

closed (25 November 2022)

Membranes

an Open Access Journal by MDPI

Impact Factor 3.6
CiteScore 7.9
Indexed in PubMed

mdpi.com/si/124939

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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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