Special Issue

Ion Transport in Membranes and Membrane Systems: Modelling and Experiment

Message from the Guest Editor

The aim of this issue is to take a step toward a better understanding of ion transport in membranes and membrane systems. All kinds of membranes are of interest: ion-exchange membranes, membranes for reverse osmosis, ultrafiltration, and other electro- and pressure-driven processes, including micro- and nanofluidic systems. Diffusion, migration, and convection, coupling of ion transport with chemical reactions, and concentration polarization are within the scope of the issue. Steady-state and nonstationary models with 1D, 2D, and 3D geometry are welcome.

Keywords:

- ion transport
- membrane
- modeling
- simulation
- experiment

Guest Editor

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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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