Special Issue

Novel Ion-Exchange Membranes

Message from the Guest Editors

Ion-exchange membranes were developed more than 50 years ago and have been applied to caustic soda manufacturing, energy production by fuel cell, salt production from the sea, pure water production from brackish water, nitrate nitrogen removal from groundwater, heavy metal ion removal from contaminated water, etc. Recently, they have begun to attract attention again as materials necessary for solving global environmental problems because they are capable of energy production and storage, as well as being useful for the removal of harmful pollutants. Furthermore, recent advances in nanotechnology are expected to lead to the emergence of new ion exchange materials, and are showing new developments in the progress of ion exchange membranes. We expect contributions from various fields for novel ion-exchange 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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