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Advanced Research in Ionic Liquid Membranes

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Deadline for manuscript submissions:

closed (20 April 2023)

Message from the Guest Editors

Membrane technology is one of the hot topics today. Over the past few years, important developments have been accomplished. Among all the types of membranes already developed, ionic liquid membranes have received much of the attention of researchers around the world. The unique properties of ionic liquids, such as negligible vapor pressure, solvent power, and the possibility of tuning their properties through proper selection of the cation and anion, are the reasons for their high potential in a wide variety of applications.

This Special Issue titled “Advances in Ionic Liquid Membranes” aims to cover recent advances in membranes based on ionic liquids including fabrication, additives, modifications, configurations, stability, fields of application, and process intensification.

In this Special Issue, original research articles and reviews are welcome.



mdpi.com/si/120792

Special Issue



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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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