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## Ion-Selective Separation Membrane

Guest Editor:

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Deadline for manuscript submissions:

**closed (20 October 2022)**

### Message from the Guest Editor

Separations based on ion-selective separation membranes are vital to recovering valuable resources, wastewater treatment, water desalination, lithium selective recovery, energy harvesting, and storage.

The Special Issue aims to cover recent advances in ion-selective separation membranes and their sibling processes, which have excellent potency and persistence for separation applications. The Special Issue will accept original research articles and reviews in subject areas, including the fabrication of ion-selective membranes, advanced membrane materials, membrane modification processes, mathematical modeling and simulation, and other schemes to improve the efficiency of membrane-based selective separation processes.

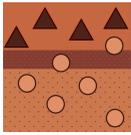
### Keywords

- **Ion-selective separation membrane**
- **Ion exchange membrane**
- **Electrodialysis**
- **Selective electrodialysis**
- **Diffusion dialysis**



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# 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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