

## Special Issue

# Ion Exchange Membrane Polymer Materials: Preparation, Properties, and Applications

### Message from the Guest Editor

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, etc. The limited choice of commercially available IEMs has motivated extensive research interests involving the novel synthetic strategies, the valid characterization technique, as well as the promising applications. This special issue is 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 mechanism, excellent overall performance, to promote the rapid development in related fields.

### Guest Editor

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### Deadline for manuscript submissions

closed (10 August 2023)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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