

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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