



## Advanced Polymeric Materials for Membrane Applications

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (5 November 2023)**

### Message from the Guest Editor

Dear Colleagues,

With its high separation efficiency, selectivity, low energy consumption and other advantages, membrane separation technology has shown great application prospects in wastewater treatment, seawater desalination, fuel cells, chemical separation and other fields. Polymeric materials have been considered key to membrane application, and polymeric membranes are widely used for both gas and liquid phase separation in industries. Polymeric membranes provide incomplete separation and often have chemical or thermal stability properties that are not sufficient for desired applications. Therefore, this Special Issue focuses on recent research advances in the development of polymeric materials that (i) can achieve higher selectivity as well as permeability, and (ii) are more resistant to end-use process environments.

This Special Issue will cover recent advances in the structure, properties and processing of advanced polymeric membranes. Submitted manuscripts will be fast-track reviewed. Research articles, review articles, perspectives, communications and letters are also invited.

Dr. Songbo Wang  
*Guest Editor*





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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