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Advances in Novel Polymeric Membranes and Membrane Process

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Message from the Guest Editors

Polymer-based membranes have advanced or novel functions in the various membrane separation processes for liquid and gaseous mixtures (gas separation, pervaporation, reverse osmosis, nanofiltration, ultrafiltration, microfiltration) and in other important applications of membranes such as water purification, solvent concentration, and recovery. In recent years, advanced membrane technologies, including new membrane materials, membrane preparation technology and membrane processes, have been at the forefront of research. In this Special Issue, the emphasis will be on the polymer structure–membrane property relationships, as well as trends in industrial applications. Contributions on all types of polymeric membrane (gas separation, pervaporation, reverse osmosis, nanofiltration, ultrafiltration, microfiltration) are welcome. Some of the topics include but are not limited to innovative production methods for advanced nanotechnology, advanced membrane materials, novel membrane preparation[...]
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Message from the Editor-in-Chief

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