

## Special Issue

# Advances in Novel Polymeric Membranes and Membrane Process

### 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[...]. For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/separations/special\\_issue/Novel\\_Polymeric\\_Membranes\\_Processes](https://www.mdpi.com/journal/separations/special_issue/Novel_Polymeric_Membranes_Processes)

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### Guest Editors

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Dr. Wenzhong Ma

Dr. Yuanhui Tang

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### Deadline for manuscript submissions

closed (1 August 2022)



## Separations

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*Separations* offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

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### Editor-in-Chief

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