

Special Issue

Advances in Membrane Processes

Message from the Guest Editor

This Special Issue of *ChemEngineering*, “Advances in Membrane Processes”, will cover recent progress, constraints, and challenges in the development of membrane processes, including topics such as performance, new applications, economic perspective, process modeling, and monitoring at a molecular scale and the profiling of boundary layers, membrane preparation/design, characterization, fouling, aging, and recycling. Keywords

- Desalination
- membranes for sustainable energy
- hybrid membrane processes
- value-added products
- removal of pollutants
- water treatment
- membrane bioreactors
- gas separation

Guest Editor

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About the Journal

Message from the Editor-in-Chief

ChemEngineering is to consolidate its position as a high-quality, open access journal that not only disseminates excellent research but also sets the agenda for future directions in chemical engineering. We will continue to highlight core areas such as catalysis, process intensification, and the circular economy, while also opening the door to emerging topics such as multi-energy systems that integrate light, heat, and electricity, etc., as well as digital tools, modelling, and artificial intelligence applied to chemical engineering.

Editor-in-Chief

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