Special Issue

Modeling, Simulation, and Optimization of Membrane Processes

Message from the Guest Editor

Membrane separations are incorporated in applications including water desalination, gas purification, power generation, and a variety of others. A fundamental understanding of the complex transport phenomena (e.g., fluid flow and mass transport mechanisms) and system-level behavior are pivotal to enhance the performance of membrane processes. The purpose of this Special Issue is to assemble a collection of current research in modeling, simulation, analysis, design, control and optimization of membrane processes. I look forward to receiving your valued contributions to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (25 January 2023)

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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.

Editor-in-Chief

Prof. Dr. Frank L. Dorman
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