

Special Issue

New Trends in Distillation and Absorption Technology

Message from the Guest Editors

In this Special Issue on “New Trends in Distillation and absorption Technology”, researchers and authors are invited to submit original research and review articles in this important field. Potential topics include, but are not limited to:

- Advanced fluids for separations.
- Intensification of biobased separation processes.
- Enzymes in distillation and absorption.
- Intensification of absorption and distillation in modular devices or centrifugal fields.
- Biopolymers and biomaterials.
- Mathematical modeling, simulation, and IA methods.
- Energy and sustainability in separation processes (efficiency, renewable energy, new concepts, CO₂ capture, etc.).
- Hybrid and multifunctional separation processes (modularity, flexibility, intensification, etc.).
- Innovative separation processes (rotating packed beds, etc.).
- Multiple-effect distillation.
- Vacuum distillation.
- Membrane distillation.
- Control, process operation, and troubleshooting.
- Equipment design.

Guest Editors

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Deadline for manuscript submissions

closed (30 December 2023)



Processes

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CiteScore 5.5



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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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