



## New Trends in Distillation and Absorption Technology

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Deadline for manuscript submissions:  
**closed (30 December 2023)**

### 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, CO<sub>2</sub> 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.





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## Message from the Editor-in-Chief

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