

## Special Issue

# Recent Advances in Gas Separation and Purification

### Message from the Guest Editor

Gas separation and purification technology is very important in the process of chemical production and environmental protection. This Special Issue on “Recent Advances in Gas Separation and Purification” aims to curate novel advances in the development and application of gas separation and purification technology to address the efficient separation, recycling, and utilization of gas products and to reduce the emission of greenhouse gases and pollutants.

Topics include, but are not limited to, the following:

- Development of new materials and processes for gas separation and purification;
- Development of theoretical analysis and numerical simulation of gas separation and purification.

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### Guest Editor

Dr. Xiong Yang

School of energy and environmental engineering, University of Science and Technology Beijing, Beijing, China

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### Deadline for manuscript submissions

10 June 2025



## Separations

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### Message from the Editor-in-Chief

*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

Prof. Dr. Frank L. Dorman  
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