

Special Issue

Absorption, Adsorption Technologies and Materials of Industrial Exhaust

Message from the Guest Editors

The absorption and adsorption technologies for industrial exhaust treatment is a critical area of research, driven by the urgent need for effective pollution control solutions. These technologies are essential for improving process efficiency while simultaneously reducing environmental impact. This Special Issue aims to showcase recent advancements in absorption and adsorption methods, with a particular emphasis on the development of innovative materials that enhance the capture and removal of pollutants from industrial emissions. A thorough examination of process intensification strategies is vital for optimizing these technologies, ensuring high performance and minimizing the generation of unwanted byproducts. We invite contributions that investigate novel approaches, materials, and process designs that advance the state of industrial exhaust treatment. This includes interdisciplinary studies that explore the synergies between different technologies and methodologies.

Guest Editors

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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

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