Special Issue

Functional Materials in Adsorption and Separation

Message from the Guest Editor

This Special Issue, entitled "Functional Materials in Adsorption and Separation," aims to highlight recent advances in the design, synthesis, and application of functional materials for adsorption and separation processes. With growing concerns over environmental pollution and resource recovery, the development of efficient and selective adsorbents and separation materials has become increasingly important. This Special Issue will cover a broad range of topics, including, but not limited to, the following: porous materials, nanocomposites, and polymers, with applications in gas separation, water purification, and other newly emerged pollutant removal. We welcome original research articles and reviews that address both fundamental studies and practical applications, providing a platform for researchers to share innovative strategies and solutions in this rapidly evolving field. We look forward to receiving your contributions.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Frank L. Dorman
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