Special Issue

Advances in Technologies Used for Mineral Separation

Message from the Guest Editors

Mineral separation, including classification and sorting, is pivotal in modern mineral processing, serving as the foundation for extracting valuable resources efficiently and sustainably. While there have been remarkable advancements in various separation technologies, challenges remain in fully unleashing their potential, optimizing their integration, and enhancing the understanding of their underlying mechanisms in complex mineral systems.

This Special Issue, titled “Advances in Technologies Used for Mineral Separation”, is dedicated to showcasing state-of-the-art research on technologies employed in mineral separation. We invite submissions encompassing a wide range of topics, including, but not limited to, the following: innovative separation principles and technologies; advancements in traditional technologies through iteration; integration and optimization of multiple separation technologies; and practical applications of advanced separation technologies in diverse mineral processing scenarios.

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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

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