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Green Separation and Purification Technology

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

There is significant interest from the scientific community and increasing industrial demand to research and develop green separation technologies. The road toward sustainable and cleaner strategies depends on the development and application of methods, solvents, and materials that have fewer risks to the environment and health and consume less energy.

This Special Issue seeks to cover the latest developments in friendly separation mediums, strategies, processes and technologies. The topics include, but are not limited to, the following:

- Applications of new green solvents;
- New solvent-free technologies;
- Green extraction and purification techniques;
- Combined and hybrid extraction/enrichment/purification/post-treatment techniques;
- Green sampling and pre-treatment techniques;
- Life cycle assessment, energy consumption and comprehensive evaluation for green separation strategies;
- Challenges and bottlenecks in the current development of green separation technologies;
- Innovative materials for green separation techniques.

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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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