Special Issue

Novel Solvents and Methods for Extraction of Chemicals

Message from the Guest Editors

This Special Issue will focus on groundbreaking developments in solvents and chemical-process extraction methodologies. The aim is to highlight innovative approaches that enhance. By contributing to this Special Issue, researchers will disseminate critical advancements and promote the adoption of sustainable practices in chemical extraction, fostering a greener and more efficient future for the industry Key themes include but are not limited to:

- Exploration of bio-based or innovative solvents that reduce ecological impact.
- Techniques that utilize microwave energy or ultrsounds to improve extraction efficiency and reduce process times.
- Utilization of supercritical fluids in extraction processes to achieve higher selectivity and lower solvent usage.
- Advances in membrane technology for selective and efficient chemical separation.
- Combination of traditional and novel methods to optimize extraction processes.

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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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