

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 ultrasounds 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.

Guest Editors

Dr. Silvia Fraterrigo Garofalo

Department of Applied Science and Technology, Politecnico di Torino,
Corso Duca degli Abruzzi 24, 10129 Turin, Italy

Dr. Giuseppe Pipitone

Department of Applied Science and Technology, Politecnico di Torino,
Corso Duca degli Abruzzi 24, 10129 Turin, Italy

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Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

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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

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755,
USA

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