

Special Issue

Separation Technology for Metals Recovery

Message from the Guest Editors

Hydrometallurgy is a method in the field of metallurgy that allows for the recovery of metals and their separation in a simple and cheap manner, even from low-quality resources. The techniques involved, e.g., solvent extraction, ion exchange, electrochemistry and membrane techniques, allow for the selective and effective separation of metals. The advantage is high selectivity and purity of the obtained products, which could be dedicated to various areas of application, even demanding ones such as medicine, the defense industry, aviation or electromobility. Hydrometallurgical methods are used to produce many metals, mainly copper, nickel, cobalt, precious metals, rhenium, rare earth metals, etc. Many of them are defined as critical raw materials for the world. As such, this Special Issue is dedicated to separation technology for metal recovery, with a particular emphasis on the production of innovative materials using these methods and new analytical techniques.

Guest Editors

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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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