Special Issue

Leaching, Extraction and Separation Technologies for Metals Recovery

Message from the Guest Editor

Metals have played an extremely important role in the development of global economics and quality of life. With the shortage of mineral resources and environmental pollution and climate change becoming more and more serious, efficient and clean extraction of metals from ores has gradually become the focus of attention of governments. Currently, hydrometallurgy and pyrometallurgy are the two most commonly used methods for extracting metals from ores.

This Special Issue aims to collect a range of articles on different aspects of metal recovery for various minerals. The objective is to decipher all new methods, processes, and knowledge reagrding the metals recovery and create a collection of rigorous research articles, review papers, and perspectives on leaching, extraction, and separation technologies for metals recovery. We hope that this open-access Special Issue will provide a great opportunity for demonstrating the vast work of researchers from all around the world.

- leaching
- extraction
- separation
- recovery

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

Prof. Dr. Yong Zhang
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).

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