

## Special Issue

# Advances in Selective Flotation and Leaching Process in Metallurgy

### Message from the Guest Editor

Metals are a finite resource, which is necessary to maintain living standards in modern society due to their countless applications like transportation vehicles, building and construction, household appliances, electronic devices, etc. There are two scenarios to extract metals from finely-ground ores: (1) concentration of valuable minerals via “flotation” followed by smelting process and (2) direct extraction of metals from finely-ground ores by “leaching” followed by purification and recovery processes. Therefore, flotation and leaching of finely-ground ores are of crucial importance to assure the continued supply of metals. This Special Issue will be devoted to collecting papers on recent advances in selective flotation and leaching processes for any metal-containing ores. Both original research papers and reviews are all welcome. The topics of interest include, but are not limited to, selective flotation, selective depression, fine particle flotation, bioflotation, atmospheric leaching, pressure leaching, bioleaching, mineral processing, and hydrometallurgy.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 November 2021)



## Metals

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## About the Journal

### Message from the Editorial Board

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.

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### Editors-in-Chief

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#### Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) /  
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).