Special Issue

Extractive Metallurgy: From Metallurgical Waste to New Products

Message from the Guest Editors

With the increase in emissions and hazards associated with metallurgical waste, novel challenges have gained prominence. Waste reduction, resource utilization, and harmless treatment are effective means of solving such problems, altogether providing a healthy and sustainable path for green and circular development in the metallurgical industry. Additionally, new products derived from metallurgical waste have received widespread attention owing to their economic value and environmental benefits. This Special Issue, titled "Extractive Metallurgy: From Metallurgical Waste to New Products", will synthesize the latest scientific achievements in the utilization of metallurgical waste. This issue will include contributions in the fields of waste reduction, resource utilization, and harmless treatment in the metallurgical industry, with topics such as the recovery of valuable components, the transformation of harmful substances, and green and low-carbon metallurgical processes.

- waste residues
- waste reduction
- resource utilization
- harmless treatment
- metallurgical process

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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

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