Special Issue

Separation and Leaching for Metals Recovery 2021

Message from the Guest Editor

Further research is needed on the recovery and recycling of metal components from municipal wastes using a leaching process, as well as separation processes such as unit separation, dismantling/detaching, thermal decomposition, and physical separation (also referred to as mineral processing). This research could form the basis for the development of commercialization processes for municipal wastes and in addition to realization of a sustainable society through the continuous growth of the urban mining industry. This Special Issue aims to address the latest research on not only leaching processes but also separation processes for waste with low-content metals (including end-of-life products), in order to achieve economic feasibility. Moreover, research articles will focus on the development of integrated environmentally friendly and cost-effective separation and leaching processes for the recovery of valuable metals.

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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