Special Issue

Leaching and Recycling of Metals

Message from the Guest Editor

This Special Issue will address the issue of recycling and the hydrometallurgical processes. Hydrometallurgical methods of leaching the industrial and electrical waste make it possible to obtain important metals, which helps to protect the environment and help to conserve natural resources. A separate chapter is a group of industrial waste from the field of metallurgy—blast furnace and steel slag, sludge and scale. This Special Issue calls for research about the recycling of precious metals, which includes pyrometallurgy, hydrometallurgy and electrochemical processes. Research may address, inter alia, the following areas: Hydrometallurgical processing of industrial waste. Recovery of precious metals from electrical waste as a source of secondary raw material. Development of novel metallurgical processes and related research leading to operations in the field of recycling and environmental protection.

Guest Editor

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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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