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Developments on Sustainable Hydrometallurgical Methods

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Message from the Guest Editors

Dear Colleagues,

Hydrometallurgical methods have been developed for metal smelting and recycling valuable metals from solid waste. This Special Issue focuses on advances in such hydrometallurgical methods in all processing steps with final property analysis. Since their inception, hydrometallurgical techniques have exhibited excellent performance in selectively recovering target metals. Nowadays, the higher recovering rate of metals with more green and sustainable methods demands more advanced hydrometallurgical techniques. We welcome articles that focus on innovative and sustainable hydrometallurgical methods for recovering metals and other valuable elements. Fully controllable fast and low-cost processes are of particular interest, especially those with a higher recovering rate in complicated industrial process.

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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.

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