

Special Issue

Strength and Fracture of Metal Parts in Batteries

Message from the Guest Editor

Dear Colleagues: Ensuring the reliability of all-solid-state batteries has become one of the most important considerations for their commercialization. In particular, since metals and metal oxides are the main constituents of all-solid-state batteries, it is very important to know their basic properties. Based on this motivation, this Special Issue aims to provide a forum for academia and industry to disseminate the latest results on the experimental and theoretical mechanical properties of metal and metal oxide materials, which are candidate constituent materials for rechargeable batteries and fuel cells.

Guest Editor

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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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