

Special Issue

Study on the Preparation and Properties of Metal Functional Materials

Message from the Guest Editor

Metallic functional materials may include nano materials, catalytic materials, superconducting materials, hydrogen storage alloys, shape memory alloys, amorphous alloys, magnetic materials, energy materials, electrode materials, biological materials, medical material purposes, etc. With the rapid development of modern science and technology, the importance of metallic functional materials has become more and more prominent. Metallic functional materials are not only important basic materials for high-tech fields such as information technology, biotechnology, energy technology, and national defense construction, but also the key to transforming and upgrading traditional industry. They are directly related to the sustainable development of resources, the environment and society. Academics on metallic functional material-related cutting-edge research are very active, especially in the field of new energy, environment and health care.

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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