

Special Issue

Corrosion and Protection of Metallic Alloys

Message from the Guest Editor

When metallic alloys make contact with a corrosive environment, corrosion will inevitably occur, which affects their performance and service life and sometimes causes safety accidents and significant economic losses. Therefore, it is of great theoretical and practical significance to study the corrosion behavior and mechanisms of metallic alloys and establish reliable protective measures, such as corrosion inhibitors and coating.

Guest Editor

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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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