



Corrosion Protection for Metallic Materials

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Message from the Guest Editors

Metallic materials are widely used in the petrochemical industry, automobile manufacturing, rail transit, aerospace and other fields. The corrosion resistance of metallic materials directly affects the service safety and service life of related structures and practices involving many metal structures such as welded components, additive parts, forging and pressing. Therefore, the corrosion protection of metallic materials is always a hot topic, and an area that requires further study.

We invite researchers in relevant fields to submit both research papers and review articles. Potential topics include:

1. Processing of corrosion-resistant metallic materials, such as stainless steel/corrosion resistant aluminum alloy welding/additive manufacturing, and so on.
2. Improvement of corrosion performance of metallic materials in all processing steps in the final analysis of microstructure and properties, such as corrosion resistant coating, laser surface process, and so on.

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We encourage the publication of both research papers and review articles.





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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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