

## Special Issue

# Corrosion and Surface Modification of Metallic Biomaterials

### Message from the Guest Editors

Metallic biomaterials have considered to be one of the most important academy and industry fields that can strongly contribute to major advances in human health. The corrosion resistance of an implant metallic material, however, influences its functionality and durability and is a key factor controlling biocompatibility. In this Special Issue, we are inviting submissions exploring the latest advances in the field of corrosion and surface modification of metallic biomaterials. Topics include, but are not limited to, surface modifications for enhanced corrosion and biological responses, new metallic biomaterials, coatings, bio-functionalization, osseointegration, and new trends in metallic biomaterials. All manuscripts will be peer reviewed and those accepted will be published immediately online as a Special Issue entitled “Corrosion and Surface Modification of Metallic Biomaterials”. This special issue of *Metals* invites innovative contributions in terms of full research papers, and reviews from leading groups around the world.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2021)



## Metals

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Yong Zhang

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#### Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) /  
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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).