

## Special Issue

# Advances in the Forming and Processing of Metallic Materials

### Message from the Guest Editors

Metallic materials are essential in aerospace, automotive, and energy industries, where advancements in forming and processing technologies drive modern manufacturing. This Special Issue, "Advances in the Forming and Processing of Metallic Materials," showcases cutting-edge research in material design, process optimization, microstructure control, and performance enhancement. By sharing scientific insights and practical applications, we aim to advance both academia and industry.

Aligned with the scope of *Metals*, this Special Issue explores innovations in metallic material forming and processing. We welcome contributions on fundamental mechanisms, experimental advancements, and computational modeling. Topics include, but are not limited to advanced forming technologies; microstructure control through thermomechanical processing; surface engineering and coatings for enhanced performance; sustainable and energy-efficient processing routes; computational modeling of forming processes; defect prediction in metal processing.

We invite original research articles and reviews and look forward to your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

30 November 2026



## 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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provided to authors approximately 18.7 days after  
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