

## Special Issue

# Rolling Process of Metallic Materials

### Message from the Guest Editor

The Special Issue on the "rolling process of metallic materials" in *Metals* will focus on recent advances in the science and technology related to rolling forming of alloys and steels. The topics will cover the whole field of metal rolling, from the development of new rolling processes and equipment, to macro-forming quality and microstructure performance, to final application and, increasingly, the issues of sustainability and end of life. In this Special Issue, original research articles and reviews are welcome. This Special Issue will cover all aspects of material analysis, forming process, deformation characteristics and microstructure evolution, including: Innovative rolling process and equipment; Skew rolling technologies for metals; Cold/warm/hot rolling technologies for metals; Cross wedge rolling and ring rolling technology; The relationship between forming process and microstructure properties of various metallic materials; Combination of other forming processes and rolling processes; Numerical simulation and experiments of skew rolling processes; Microstructural/mechanical characterization techniques of metals; Fatigue properties of metals.

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### Guest Editor

Prof. Dr. Xuedao Shu  
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### Deadline for manuscript submissions

closed (31 August 2023)



## 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) /  
CiteScore - Q1 (Metals and Alloys)

#### 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  
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