

Special Issue

Thermodynamics and Kinetics in Metallurgical Processes

Message from the Guest Editors

The Special Issue is focused on the recent progress of thermodynamics and kinetics in metallurgical processes, including theoretical and/or experimental work. We also encourage authors to submit review papers of their team regarding thermodynamics and kinetics. Topics addressed in this Special Issue may include, but are not limited to:

- Raw material preparation
- Ironmaking process
- Steelmaking process
- Refining process
- Casting process
- Non-ferrous Metallurgical process
- Activity and its application
- Physical properties of slag and melts

Guest Editors

Prof. Dr. Jing Guo

Dr. Wenlong Zhan

Prof. Dr. Changling Zhuang

Deadline for manuscript submissions

closed (30 June 2022)



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Metals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metals@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Yong Zhang

Beijing Advanced Innovation Center of Materials Genome Engineering,
State Key Laboratory for Advanced Metals and Materials, University of
Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083,
China

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Journal Rank:

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CiteScore - Q1 (Metals and Alloys)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 18 days after
submission; acceptance to publication is undertaken in 2.6
days (median values for papers published in this journal in
the first half of 2025).