

## Special Issue

# Smelting and Refining Processes for the Primary and Secondary Production of Metals

### Message from the Guest Editors

Base metals are now key elements of the sustainable development of our society. Electromobility, decarbonization, and the coming green hydrogen availability are some of the conditions that the development of primary and secondary production are taking into consideration. This special issue of *Metals* invites researchers from academia and industry to present original papers addressing primary and secondary smelting and refining, the interface between mining operations and manufacturing industries. We are looking for contributions covering fundamental aspects related to the physical chemistry of smelting, as well as the analysis of processes and reactors. Manuscripts on operational and technological development topics are also of high interest for this Special Issue. We encourage you to publish your latest developments and research to be part of this effort to provide both academia and industry with a comprehensive view of advancements and trends in this relevant subject.

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### Guest Editors

Prof. Dr. Roberto Parra

Dr. Philip Mackey

Prof. Dr. Igor Wilkomirsky

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### Deadline for manuscript submissions

closed (30 June 2022)



## Metals

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*Metals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[metals@mdpi.com](mailto:metals@mdpi.com)

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## About the Journal

### 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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### Editors-in-Chief

Prof. Dr. Hugo F. Lopez

Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

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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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

#### 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 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).