Special Issue

Metal Processing for Sustainability

Message from the Guest Editor

I am pleased to invite you to contribute to a special issue of the journal Metals on metal processing for sustainability. As many of you know, open source and open access have been important to me throughout my career, so when invited I welcomed the opportunity to create a special issue in Metals which is completely open access. This is a broad topic, covering areas from clean production of high-volume commodity metals such as steel, Al, Cr, Cu, Zn, Mn, Mg, etc; to scaling clean production of metals for new energy systems including silicon, rare earth, and battery materials; to energy storage inspired by metal processing such as liquid metal batteries. This topic is inspired in part by the Reactive Metals Workshop (RMW), and I have met many of you through RMW. Whether you're connected to the workshop or not, I look forward to seeing many of you in March at the first RMW in three years.

Guest Editor

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Deadline for manuscript submissions

closed (10 July 2024)



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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

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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 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).

