

# Special Issue

## Metal Foams 2023

### Message from the Guest Editor

Porosity within materials was once considered a source of weakness, especially with regards to mechanical behaviors. However, foams exhibit exceptional properties such as lower weight, high energy absorbing capacity, high strength-to-density ratio, and high damping capacity. Porous metals and metal foams are considered some of the most versatile lightweight materials in the world due to their wide range of commercial applications, structural and aerospace industry potential, implants and tissue engineering, etc. We are assembling a Special Issue for *Metals* focusing on all aspects of porous metals and metal foams from modeling to manufacturing, testing, and application. I would like to invite you to contribute a research paper, review article, or communication paper for peer review and possible publication in this Special Issue. We look forward to your contributions.

### Guest Editor

Prof. Dr. Afsaneh Rabiei

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### Deadline for manuscript submissions

closed (30 April 2024)



## Metals

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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

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JCR - Q2 (Metallurgy and Metallurgical Engineering) /  
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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).