

## Special Issue

# Magnetic Shape Memory Alloys

### Message from the Guest Editors

Magnetic shape memory alloy is a kind of very important shape memory alloy, which has been well developed in the past twenty years. The research on this topic focused on magnetic field induced strain, giant magnetoresistance, magnetocaloric effect and elastocaloric effect, as well as the preparation method, improvement of smart property and material characterization related to magnetic shape memory alloy. Therefore, this is also the topic of the Special Issue. Papers in this scope or concerning the physical and mechanical properties of magnetic shape memory alloy are favourably received in this issue.

---

### Guest Editors

Dr. Yan Feng

State Key Laboratory of Solidification Processing, Northwestern Polytechnical University, Xi'an 710072, China

Dr. Li Gao

College of Engineering Science and Technology, Shanghai Ocean University, Shanghai 201306, China

---

### Deadline for manuscript submissions

closed (28 February 2023)



## Metals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 4.9



[mdpi.com/si/80078](https://mdpi.com/si/80078)

*Metals*

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

[mdpi.com/journal/  
metals](https://mdpi.com/journal/metals)





# Metals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 4.9



[mdpi.com/journal/  
metals](https://mdpi.com/journal/metals)



## 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.

---

### 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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, CAPIus / 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 16.5 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 2024).