

## Special Issue

# Metallic Nanostructured Materials and Thin Films

### Message from the Guest Editors

Metallic materials play a vital role in the economic life of modern societies. The aim of this Special Issue is to cover all relevant aspects of the chemical and physical processes of the production, transformation and characterization of metallic materials in bulk, thin films, nanostructures and/or nanocomposites, as well as modeling aspects involving such structures.

Accordingly, this Special Issue welcomes original research and review manuscripts on the challenges and trends covering fundamental and experimental research, with a special focus on the design, synthesis, and characterization of any type of metallic material and/or alloys, and the study of their structure/property relationships. We also welcome manuscripts on the development of new experimental concepts, from the transfer, chemical transformation, and high-resolution patterning of advanced thin films and nanomaterials to the design and fabrication of devices.

---

### Guest Editors

Dr. Catalin-Daniel Constantinescu

Aix-Marseille Université, CNRS, LP3 UMR 7341, 13009 Marseille, France

Dr. Ahmed Al-Kattan

Laboratory of Lasers Plasmas and Photonic Processing, CNRS, Aix-Marseille University (Campus of Luminy), 13288 Marseille, France

---

### Deadline for manuscript submissions

closed (31 October 2025)



## Metals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



[mdpi.com/si/173868](https://mdpi.com/si/173868)

*Metals*

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

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

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





# Metals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.3



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



## 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

---

### Author Benefits

#### 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 18.7 days after  
submission; acceptance to publication is undertaken in 2.7  
days (median values for papers published in this journal in  
the second half of 2025).