# **Special Issue**

# Green Recovery of Rare Earth Elements from Secondary Resources

## Message from the Guest Editor

Rare earth elements are an important part of modern high-tech new materials such as permanent magnet materials, polishing materials, catalytic materials, etc., and have become an important strategic resource in the world. With the large-scale use of rare earth elements, the discharge of secondary resources such as residuals and scrapped products will not only endanger the environment and human health, but also be a waste of resources. At present, the recovery of rare earth elements from secondary resources is in the primary stage of research, and it is of great scientific significance to develop a green process for the recovery of rare earth elements. This special issue will be devoted to collecting papers on the recent green processes and methods for recovering rare earth elements from different secondary resources.

## **Guest Editor**

Prof. Dr. Wenning Mu

School of Resources and Materials, Northeastern University at Qinhuangdao, Qinhuangdao 066004, China

### Deadline for manuscript submissions

closed (30 June 2023)



# Metals

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3



### mdpi.com/si/130223

Metals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metals@mdpi.com

mdpi.com/journal/ metals





# Metals

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.3





# **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, 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).