

Special Issue

Advanced Metal Composites: Manufacturing, Characteristics, and Applications

Message from the Guest Editors

This Special Issue on “**Advanced Metal Composites: Manufacturing, Characteristics, and Applications**” will cover original research and review articles on manufacturing techniques, material characterization, and practical applications of advanced metal composites. It covers a wide range of topics, from fundamental research to industrial applications, including exploring the effects of different fabrication methods on material properties, analyzing the performance of composites in different environments, and exploring future trends and challenges for composites. In particular, the topics of interest include, but are not limited to the following:

- Manufacturing technology;
- Material composition design;
- The design and manufacturing process;
- Microstructure and properties;
- Physical and chemical properties;
- Modeling and simulation;
- Application exploration.

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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

Prof. Dr. Yong Zhang

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