

Special Issue

Metallic Nanocomposites

Message from the Guest Editor

We would like to bring to your attention a Special Issue on “Metallic Nanocomposites”, which is in the interest of the scientific and industrial community. In this Special Issue, we will gather papers relating to the latest advancements in the field of metallic nanocomposites pertaining to various fields. These include structural, functional, and biomechanical applications. The papers may include novel approaches to theoretical understanding, experimental studies, and/or a combination of both. This issue covers all related processing routes, including metal casting, powder technology, and electrochemical and electroless methods. The submitted papers may investigate any specific properties (mechanical, electrical and electronic, chemical behavior, etc.) relating to nanocomposites, as well as the wide range of characterization techniques, such as SEM, EDS, TEM, XRD etc.

Guest Editor

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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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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).