

Special Issue

Advanced Hard Materials

Message from the Guest Editor

This Special Issue deals with original research articles concerned with all aspects of hard materials. Hard materials are defined as materials with hardness values higher than 1000 HV. In recent years, the demand for efficient hard materials being mainly used as tools or wear-resistant components has been ever-growing. This Special Issue focuses on articles that are aiming to give an overview of the current state-of-art research and thus provide detailed new information about the relationship among chemical composition, microstructure, new methods of synthesis and processing, leading in turn to improved properties and novel applications.

Guest Editor

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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.

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