

Special Issue

Advances in High Performance Metal Materials: Preparation, Properties, and Applications

Message from the Guest Editors

High-performance metal materials, with their unique properties and unlimited potential, are developing and transforming rapidly. With regard to high-entropy alloys, micro/nano structured materials, and high-performance steels, etc., their excellent properties and potential application have been demonstrated.

This Special Issue, entitled “Advances in High Performance Metal Materials: Preparation, Properties, and Applications”, aims to provide a comprehensive platform that enables researchers to present their latest discoveries and innovations.

We invite scholars, researchers, and engineers working in the field of metal materials to contribute and share their latest research results and insights regarding high-performance alloys. We welcome the submission of original research papers, review articles, and case studies. Your contribution will not only enrich the content of this Special Issue, but also contribute significantly to the development of materials science.

Guest Editors

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Dr. Cong Zhao

Prof. Dr. Zhixin Wang

Deadline for manuscript submissions

closed (10 July 2025)



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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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