Special Issue

Hot Deformation Characteristics of Metallic Materials

Message from the Guest Editors

We invite scientists and researchers to contribute to this Special Issue of *Crystals* entitled “Hot Deformation Characteristics of Metallic Materials”, focusing on the workability, formability, and microstructural evolution of metallic materials at elevated temperatures. The potential subjects cover, but are not limited to:

- High-temperature mechanical properties of metals and alloys;
- Formability and workability of metallic materials at high temperatures;
- Microstructural evolution during hot deformation;
- Softening mechanisms (i.e., dynamic recovery and recrystallization);
- Normal and abnormal grain growth;
- Mechanical behavior modeling of metallic materials at elevated temperatures.

Guest Editors

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Deadline for manuscript submissions

closed (15 September 2023)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/63774

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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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