

Special Issue

Dynamic Behavior of Materials

Message from the Guest Editors

This Special Issue, 'Dynamic behavior of materials', will collect recent research findings on the dynamic behavior of all kinds of materials, especially the dynamic mechanical behavior of crystalline materials. The main topics to be covered include processing technology, state-of-the-art characterization, testing, theoretic modeling and simulation. We welcome the submission of communications, original research papers, and reviews on the following, or related, topics.

Microstructural evolution
Dynamic deformation
High-velocity impact
Shock wave attenuation, interaction and reflection
Equations of state
Explosive–material interaction
Impact-initiated chemical reaction

Guest Editors

Dr. Chuanting Wang
Prof. Dr. Yong He
Dr. Yuanfeng Zheng
Prof. Dr. Shuhai Zhang
Prof. Dr. Wenhui Tang

Deadline for manuscript submissions

closed (31 October 2022)



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.0



mdpi.com/si/99371

Crystals
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

[mdpi.com/journal/
crystals](https://mdpi.com/journal/crystals)





Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.0



[mdpi.com/journal/
crystals](https://mdpi.com/journal/crystals)



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

Prof. Dr. Alessandra Toncelli

Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Crystallography) / CiteScore - Q2 (Condensed Matter Physics)