Special Issue

Advanced Electronic Materials and Devices

Message from the Guest Editors

The global market of advanced electronic materials and devices has grown significantly over the past few decades. They have unique characteristics, and almost all devices contain dozens of components made of these materials. Their applications include integrated circuits, microwave communication, packaging materials, energy storage, energy generation and optoelectronics, among others. The performance of these materials is controlled using the knowledge of the processing–structure–microstructure–property relationship. The dopant used in pristine can modify the band structure.

To promote developments in electronic materials and devices and solve current and future challenges, this Special Issue, “Advanced Electronic Materials and Devices”, is launched. This Special Issue will focus on the synthesis procedures, crystal structures, and functional properties of inorganic substances, and will help to promote science related to electronic materials. Therefore, we welcome original research and peer review manuscripts (both experimental and theoretical concepts).

Guest Editors

Prof. Dr. Dawei Wang

Dr. Raz Muhammad

Prof. Dr. Fayaz Hussain

Deadline for manuscript submissions

closed (31 March 2023)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/136930

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

mdpi.com/journal/crystals

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/journal/crystals

MDPI

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, CAPlus / SciFinder, and other databases.

Journal Rank:

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