crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.2

Advances in Magnetic Functional Materials

Guest Editors:

Dr. Yue Wang
School of Physical Science and Technology, Inner Mongolia University, Hohhot 010021, China

Dr. Jie Chen
School of Electronic and Information Engineering, Tiangong University, Tianjin 300387, China

Deadline for manuscript submissions:
16 January 2025

Message from the Guest Editors

Advances in magnetic functional materials have played a key role in driving technological innovation across industries.

Magnetic functional materials have been developed from traditional ferromagnetic alloys to complex nanocomposites and multi-functional hybrid materials, such as new permanent magnet materials, skyrmions, magnetic semiconductors, magnetic shape memory alloys, giant magnetoresistive materials, and so on. The aims of this Special Issue are to highlight the innovative synthesis methods, unique physical properties, and promising applications of these materials. We encourage contributions that explore novel material systems, reveal underlying mechanisms, and demonstrate the practical implications of these advances.

Potential authors are invited to submit original research articles, reviews, and perspectives on all aspects of magnetic functional materials. Contributions that integrate theoretical modeling, experimental techniques, and technological implementations are strongly encouraged. Through this Special Issue, we aim to foster collaborations, inspire new research directions, and promote the continued progress of magnetic functional materials.

crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.2

Editor-in-Chief

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, Italy

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.

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, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Crystallography*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Crystals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/crystals
crystals@mdpi.com
𝕏@Crystals_MDPI