crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.2

Emerging Low-Dimensional Materials

Guest Editors:

Prof. Dr. Bo Chen
School of Chemistry and Life Sciences, Nanjing University of Posts and Telecommunications, Nanjing 210003, China

Prof. Dr. Rutao Wang
School of Materials Science and Engineering, Shandong University, Jinan 250100, Shandong, China

Dr. Nana Wang
Institute for Superconducting and Electronic Materials, University of Wollongong, Wollongong, NSW 2522, Australia

Deadline for manuscript submissions:
closed (31 August 2022)

Message from the Guest Editors

Recently, low-dimensional materials, such as zero-dimensional (0D), one-dimensional (1D), and two-dimensional (2D) materials, have been intensively investigated due to their unique catalytic, mechanical, electronic, and optical properties as well as their various applications. Great efforts have been devoted to studying their synthesis strategies, unique properties, chemical reaction processes, and potential applications. Nevertheless, challenges still exist. It is therefore urgent and significant to have a Special Issue that can help us to appreciate new advances and to review recent progresses in novel low-dimensional materials. The present Special Issue on “Emerging Low-Dimensional Materials” will summarize the progress achieved in the last few years. Especially in the current context of COVID-19, we hope that both researchers and the community in general can benefit from the outcomes of this Special Issue.

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