# Special Issue

# Advanced Research in 2D Materials

### Message from the Guest Editors

At Crystals, we wish to support research providing insight into the path toward addressing the challenges that hinder the development of 2D materials. Crystals is ideally a forum for the advancement of our understanding of the growth, processing, and characterization of materials. Additionally, their mechanical, chemical, electronic, magnetic, optical, and topological properties and their diverse applications are all considered to be of importance. With a view to achieving these goals, this Special Issue will focus on new ideas and advanced research in 2D materials and will cover a wide range of topics. Both original research and review articles are welcomed, with areas of interest including, but not limited to: Synthesis, fabrication, characterization, and properties of 2D materials. Applications involving 2D materials. Theoretical calculation methods involving 2D materials.

### Guest Editors

Dr. Bosong Sun
Department of Physics, University of Washington, Seattle, WA, USA

Dr. Kwun Nam Hui
Joint Key Laboratory of the Ministry of Education, Institute of Applied Physics and Materials Engineering, University of Macau, Avenida da Universidade, Taipa, Macau SAR 999078, China

### Deadline for manuscript submissions

20 September 2025

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/174236

*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

# 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)