

Special Issue

Recent Advances in Graphene Heterostructures

Message from the Guest Editors

Graphene has been investigated for nearly two decades. It has aroused a lot of interest for its application in electronics, optoelectronics, catalysts, heat conductors, super conductors, etc. Although graphene itself has unique properties, the function of graphene would be greatly enlarged when it forms certain heterostructures with other novel materials, such as other two-dimensional materials, one-dimensional materials, hetero-atoms, etc. In addition, the graphene heterostructures could be easier to fabricate in a cost-efficient approach, which facilitates the swift production of this material. Here, we gladly launch this Special Issue and call papers to report new graphene heterostructures and discuss their interesting physical chemistry functions. The discovery of such structure–function relationships can greatly enhance the application of graphene-related materials in cutting-edge demands

Guest Editors

Dr. Yuan Dong

Dr. Ruoyu Dong

Dr. Chuang Zhang

Dr. Yangsu Xie

Deadline for manuscript submissions

closed (30 August 2023)



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 5.0



mdpi.com/si/158798

Crystals
Editorial Office
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)