

Special Issue

Fabrication of Carbon and Related Materials/Metal Hybrids and Composites (Volume II)

Message from the Guest Editors

This Special Issue entitled “Fabrication of Carbon and related materials/ Metal Hybrids and Composites” focuses on novel developments and new processing methodologies in the fabrication and modification of carbon and its structure-related materials and surface functionalization to improve its surface activities and catalytic applications and to increase its adhesion to metals and its consolidation and sinterability for different applications. We invite high-quality submissions addressing current challenges in the preparation of carbon/metal-based materials, including, but not limited to, the topics as listed below.

- Hybrid carbon/metallic materials;
- Graphene and graphene oxide hybrid materials;
- Functionalization and surface treatment of carbon materials;
- Carbon/metal hybrid materials for the removal of waste dyes;
- Carbon materials for catalytic applications;
- Carbon materials for energy storage applications;
- Carbon materials for water treatment applications;
- Carbon/metal hybrid materials for the removal of waste dyes;
- Carbon fibers/metal matrix composites;
- Carbon nanotube/metal matrix composites;
- Biologically active nanomaterials.

Guest Editors

Prof. Dr. Walid M. Daoush

Prof. Dr. Fawad Inam

Dr. Mostafa Ghasemi Baboli

Prof. Dr. Maha M. Khayyat

Deadline for manuscript submissions

closed (30 November 2022)



Crystals

an Open Access Journal
by MDPI

Impact Factor 2.4
CiteScore 4.2



mdpi.com/si/111638

Crystals
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 4.2



[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, CAPIus / SciFinder, and other databases.

Journal Rank:

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