



crystals



an Open Access Journal by MDPI

Synthesis, Crystal Structures and Hirshfeld Surface Analysis of Coordination Compounds

Guest Editors:

Dr. Waldemar Maniukiewicz

Institute of General and
Ecological Chemistry, Lodz
University of Technology,
Żeromskiego 116, 90-924 Lodz,
Poland

Dr. Ghodrat Mahmoudi

University of Maragheh,
Department of Chemistry,
Faculty of Science, Maragheh,
Iran

Deadline for manuscript
submissions:

closed (30 April 2020)

Message from the Guest Editors

Dear Colleagues,

This Special Issue of “*Crystals*” is expected to provide an excellent platform to report results that highlight the synthesis and crystal structures of coordination compounds. Furthermore, Hirshfeld surface analysis has become a widely used method, which is exploring intermolecular interactions within a crystal structure in a remarkable way.

As Guest Editor, I invite scientists from various fields to submit articles which discuss the crystal chemistry of coordination chemistry. This includes examples of synthesis and experimentally determined crystal structures. The new approaches towards the synthesis of coordination complexes are particularly encouraged.

Dr. Waldemar Maniukiewicz

Dr. Ghodrat Mahmoudi

Guest Editors



mdpi.com/si/24700

Special Issue



crystals



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alessandra Toncelli

Department of Physics, University
of Pisa, 56126 Pisa, PI, 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](#), [CAPus](#) / [SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Crystallography*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Crystals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/crystals
crystals@mdpi.com
[X@Crystals_MDPI](https://twitter.com/Crystals_MDPI)