crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 5.0

Crystal Structure Characterization by Powder Diffraction

Guest Editors:

Dr. Angela Altomare
Institute of Crystallography, National Research Council-CNR, O-70126 Bari, Italy

Dr. Rosanna Rizzi
Institute of Crystallography, National Research Council-CNR, 70126 Bari, Italy

Deadline for manuscript submissions:
closed (31 December 2019)

Message from the Guest Editors

We invite contribute of papers that, while discussing the followed computational, methodological, and/or experimental strategies, point out the essential and advanced contribution of powder diffraction in identifying the unknown crystal structure of a compound.

Potential topics include but are not limited to unit cell and space group identification; structure solution methods (reciprocal space and direct space); the Rietveld refinement method; qualitative analysis; quantitative analysis; and the crystal structure determination of organic, inorganic, and metallorganic compounds for chemistry, pharmaceutics, mineralogy, archeometry, forensic science, etc.

crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 5.0

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, Ei Compendex, 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