crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.2

Small and Wide Angle X-ray Scattering Applied to Nano- and Biomaterials

Guest Editors:

Dr. Dritan Siliqi
Institute of Crystallography- CNR, Via G. Amendola, 122/O, 70126 Bari, Italy

Dr. Francesco Scattarella
Institute of Crystallography- CNR, Via G. Amendola, 122/O 70126 Bari, Italy

Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editors

Small- and wide- angle X-ray scattering (SAXS/WAXS) are powerful experimental techniques widely used in several fields of materials science. Both these techniques enable the characterization of nanoscale and molecular structures in a variety of materials, such as biomacromolecules, liquid nanoparticle dispersions/colloids, nanocomposites, polymers, fiber-like materials, surfactants, microemulsions, liquid crystals, mesoporous materials, etc.

We invite researchers to contribute to this Special Issue, which is intended to serve as a unique multidisciplinary forum covering broad aspects on both techniques applied to nano and bio-materials. Contributions on methods and software devoted to SAXS and WAXS data analysis are welcomed as well.

The potential topics include but are not limited to:

- SAXS applied to macromolecules to deal the protein complexes;
- Application on several fiber-like materials for different applications, ranging from medicine to technology;
- Methods and computer software packages for SAXS/WAXS data analysis (new or improvements of the previous ones).

crystals

an Open Access Journal by MDPI

IMPACT FACTOR 2.4

CITESCORE 4.2

Editor-in-Chief

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, 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, 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