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Advanced Research on Macromolecular Crystals (2nd Edition)

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Deadline for manuscript submissions:
20 August 2024

Message from the Guest Editors

The aim of this Special Issue on "Advanced Research on Macromolecular Crystals" is to make known relevant works to our colleagues in the field of macromolecular crystals. The new Special Issue will be guest-edited by Jesús Sanmartín-Matalobos and Eamor M. Woo, who are inviting prominent scientists in the field to submit original research articles, review articles, and short communications focused on the abovementioned subjects of polymeric and macromolecular crystalline materials.

The coverage of topics for this Special Issue is as broad as that of macromolecular crystals, ranging from the synthesis, nucleation, growth, processing, and characterization of macromolecular crystalline materials to the mechanical, chemical, electrical, magnetic, catalytic, optical, and self-assembly properties, as well as their diverse applications. Among many other subject areas, the topic of macromolecular crystals includes plastics, synthetic fibres, synthetic rubbers, graphene carbon nanotubes, supramolecular polymers, polymer composites, metal–organic frameworks (MOFs) and polymer–MOF hybrid materials, and liquid-crystalline polymers.

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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.

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

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