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Feature Papers in Macromolecular Crystals

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Message from the Guest Editors

The aim of this Special Issue is to review the knowledge on featured topics in the macromolecular crystals field. To achieve this, the Special Issue edited by the Editor-in-Chief and all academic editors is inviting prominent scientists in the field to submit reviews focused on the synthesis, crystallization, characterization, properties, and theoretical aspects of macromolecular crystalline materials. The coverage of topics of this Special Issue is as broad as that of the Section 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 Section Macromolecular Crystals includes plastics, synthetic fibers, synthetic rubber, graphene carbon nanotubes, supramolecular polymers, polymer composites, metal coordination polymers, hybrid polymeric materials, metal–organic frameworks (MOFs), polymer–MOF hybrid materials, macrocycles, macrocyclic metal complexes, liquid crystals, and eutectic molecular liquids.



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Special Issue



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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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