

Special Issue

Preparation and Application of Bio-Based Materials

Message from the Guest Editors

The development and application of bio-based materials are crucial for addressing environmental challenges and promoting sustainable practices. This Special Issue seeks to highlight the latest advancements in the synthesis, characterization, and practical applications of bio-based, biocrystal, sustainable, and biodegradable materials. Topics of interest for this Special Issue include, but are not limited to, the following:

The synthesis and characterization of bio-based materials;

Bio-inspired and biodegradable synthesis of materials;

The design of coordination complexes bearing bio-based ligands;

The assembly and applications of bio-based materials, as well as crystallization pathway studies.

This Special Issue aims to showcase the latest research findings and innovative methodologies. We invite researchers, scientists, and engineers to contribute their original research articles, review articles, and communications to facilitate a comprehensive discourse on the preparation and application of bio-based materials.

Guest Editors

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About the Journal

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.

Editor-in-Chief

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