Special Issue

Liquid Crystal Composites

Message from the Guest Editors

This Special Issue on “Liquid Crystal Composites” addresses recent progress in both experimental and theoretical aspects of liquid crystal (LC) composites science and technology. LCs are characterized by the orientational order of molecules and their total or partial lack of positional order. With their unique combination of properties related to anisotropic fluids, LCs are among the most versatile and dynamic soft materials of the present day. Composite materials with LCs are designed to combine the beneficial properties of the constituents. They include polymer-dispersed LC films, polymer–network LCs, polymer–stabilized LCs, polymer film/LC composite, polymer balls/LC films, glass balls/LC composite, porous glasses/LCs, LC membranes, NP doped LCs and LC composites, LCs metamaterials. We invite original research articles and detailed review papers on recent important advances in the fundamental, as well as application aspects of LC-based materials, biological, organic, and inorganic, concerning both experimental and theoretical studies.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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