Special Issue

Liquid Crystal Photonics and Emerging Displays

Message from the Guest Editors

Liquid crystals have drawn wide attention due to the hydrodynamic characteristics of fluids and the anisotropic features of crystals and the related easy control of molecular orientation.
The future development direction of liquid crystals includes: In terms of material design and synthesis, researchers will continue to explore new liquid crystal polymer materials and develop new synthesis methods and modification strategies. In terms of performance optimization and regulation, researchers are committed to improving the thermal stability, mechanical properties, and optical properties of liquid crystal polymers. In terms of application expansion and innovation, researchers will continue to explore the application of liquid crystal polymers in new fields, such as emerging displays, biomedicine, energy storage, and flexible electronics.
This Special Issue aims to provide a platform for the research on liquid crystal photonics and emerging displays. Besides original research articles, we also encourage the submission of review papers on recent progress and future prospects or challenges.

Guest Editors

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Deadline for manuscript submissions

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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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