

## Special Issue

# Liquid Crystal Optics for Applications

### Message from the Guest Editors

Since the discovery of liquid crystalline (LC) material in 1888, the optical properties of LC materials have been attracting much interest. In particular, the impressive image due to the birefringence under polarized microscope has stimulated the intellectual curiosity of many scientists. The situation changed drastically after the success of the application to display devices in 1960s. Huge amounts of research using LC materials aimed at display applications have been carried out. Research has been pursued aggressively, not only for displays but also for other kinds of applications, based on the optics of liquid crystals. For example, the application for glasses has been studied since the early stage of LC research, and some kinds of LC glasses have been commercialized. A wide variety of applications of LC devices has been proposed, such as smart windows for architectures and vehicles, laser equipment, LiDar for EV, and so on. The aim of this Special Issue is to provide the opportunity to overview technologies based on the optics of liquid crystals.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 January 2022)



## Crystals

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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.

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### Editor-in-Chief

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