

## Special Issue

# New Insights into Optical Crystals: From Fundamentals to Materials Performance

### Message from the Guest Editors

The aim of this Special Issue is to promote a comprehensive understanding of optical crystals, spanning from fundamental principles to in-depth studies of material characteristics. Optical crystals, as an important class of functional materials, have wide applications in fields such as optical communication, optoelectronics, and laser technology. This Special Issue will encompass various themes related to optical crystals, including material design, synthesis methods of novel optical crystal materials, crystal growth, optical properties, as well as the relationship between the crystal structure and its properties, alongside their potential applications. Researchers can explore new frontiers and trends in optical crystals through a combination of experimental and theoretical simulations, providing comprehensive and in-depth insights and guidance for the development of the field of optical crystals. Scientists and engineers working with optical crystals are welcomed to contribute to this issue.

### Guest Editors

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## 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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