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Optical Crystals and Their Applications in Optical Devices

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Message from the Guest Editor

Liquid crystals and optical crystals are materials whose optical properties can be controlled by applying external energies, such as electricity, magnetism, light, heat, etc. These optical materials are becoming very interesting in various application fields because they can control optical characteristics including color, transmission, reflection, etc. To accelerate the potential applications, various works have focused on the optical, physical, and chemical characteristics, analyzing them through theory, experiments, and simulations. The aim of this Special Issue is to present breakthrough discoveries and fundamental research on advanced optical materials, photonics, displays, electronics devices, and more. This covers all areas of engineering, physical and chemical sciences, and applications to optical and display devices.

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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.

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