Special Issue

Recent Advances in Light-Emitting Diodes (LEDs)

Message from the Guest Editor

This Special Issue on “Recent Advances in Light-Emitting Diodes (LEDs)” is intended to open discussions on solid-state light emitters, such as inorganic LEDs and organic LEDs (OLEDs), and highlight recent progress and trends in this field. The availability of such devices emitting in the wide spectral range, including ultraviolet, visible, infrared, and white, enables a variety of applications in signages, displays, automobiles, general lighting, telecommunications, sterilization, biology, and urban farming. Novel materials and device architectures combined with advanced manufacturing processes have promised reliable solid-state light emitters with refined color reproduction, high efficiency, and luminous flux. Further progress requires innovations in both materials and devices. In this Special Issue, regular articles related to material and device features as well as to fabrication and applications of LEDs and OLEDs are invited to convey the current state of the art of efficiency, spectral quality, reliability, new applications, and other relevant technical aspects of LEDs and OLEDs. Communications, comments, perspectives, and reviews are welcome.

Guest Editor

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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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