Special Issue

Advanced Photoluminescence Nanomaterials and Applications

Message from the Guest Editors

Photoluminescence nanomaterials, including organic-based, inorganic-based, and organic–inorganic hybrid types, have experienced rapid development in recent years. Great progress in advanced photoluminescence materials has been achieved owing to the controllable synthesis of nanomaterials. New mechanisms and phenomena of photoluminescence nanomaterials that are different from bulk ones are raised and explored. Emerging nanomaterials and quantum dots provide new types of materials for a wide range of applications. Apart from conventional solid-state lighting and display, advanced photoluminescence nanomaterials enable potential applications in biological imaging, sensing, and detection, micro/nanolasers, etc. with high quantum yield and good stability. This Special Issue titled "Advanced Photoluminescence Nanomaterials and Applications" aims to summarize the recent progress and prospects of this field. All types of related papers, including research articles, letters, communications, reviews, prospects, news, and views, are welcome. We sincerely invite you to submit a manuscript for consideration and possible publication in this Special Issue.

Guest Editors

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Deadline for manuscript submissions

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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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