Special Issue

New Trends of Scintillation Crystals

Message from the Guest Editors

The past decade has witnessed the rapid progress of scintillation crystals and their applications.

In particular, recently, several new high-performance metal halides have been intensively discovered. Beyond the traditional melt growth, some of these materials are also suitable for solution methods, making their crystal fabrication easier and more cost-effective. Meanwhile, continuous search of Ce-activated scintillation crystals and investigation of co-doping strategies are still going on. Not only emerging scintillators but also fundamental understanding of luminescence centers and defects in scintillation are highly demanded.

Besides materials, the studies on crystal growth and fabrication technologies of scintillators are also very active. With forms of nanoparticles, fibers, and other micro-structures, both crystals and related composites find new functionality in practical applications.

This Special Issue aims to present a collection of the latest studies on scintillation crystals. Research articles, review papers, and communications are all invited.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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