Special Issue

Recent Advances in the Structural and Optical Properties of Perovskite Quantum Dots

Message from the Guest Editor

We are pleased to announce a call for papers for a Special Issue titled “Advances in Optical and Structural Characteristics of Perovskite Quantum Dots.” This Special Issue aims to bring together groundbreaking research and novel insights into the optical and structural properties of perovskite quantum dots (QDs), which have shown immense potential for applications in fields such as optoelectronics, photonics, and sensing technologies. Perovskite QDs stand out due to their tunable optical properties and impressive quantum efficiency, making them an exciting area of study. However, challenges remain in optimizing their performance and stability for real-world applications. We invite original research papers, review articles, and short communications including synthesis, optical characterization, and theoretical studies from diverse research groups that push the boundaries of understanding and applying perovskite QDs.

Guest Editor

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Deadline for manuscript submissions

closed (10 May 2025)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

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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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