

Special Issue

Research Progress of Laser Crystals

Message from the Guest Editors

The laser has important applications in biomedicine, environmental monitoring, nonlinear optics, and industrial processing. A high-performance laser crystal is the core material of a solid-state laser. However, in order to meet the needs of different applications, there are still great challenges in the development of high-performance, stable, and compact laser systems, which require continuous innovation in the design and preparation of crystal materials. This Special Issue aims to disseminate and share cutting-edge research on laser crystals, focusing on the design, growth, performance characterization and analysis of laser crystals. Key topics include but are not limited to the following: novel laser crystal materials, new crystal preparation methods, and new applications.

Guest Editors

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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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