Special Issue

Crystals for Optoelectronics

Message from the Guest Editors

Optoelectronic devices such as light-emitting diodes, solar cells, photodetectors, and sensors play a significant role in the advancement of our modern civilization. The improvement in performance and efficiency of such devices majorly depends on the careful investigation of the optoelectronic properties of the materials, including crystal growth and morphology, bandgap tuning, charge transport, exciton generation and so on.

In this Special Issue, we aim to cover a wide range of optoelectronic materials. Original experimental research including materials development, device architecture, and novel device characterization methodology will be considered. This special issue will also include reviews, brief research reports, and perspectives related to optoelectronic materials and devices. **Discount:** 300 CHF (If you need more, please contact aries. gan@mdpi.com) We are looking forward to your valuable contribution!

Guest Editors

Dr. Hassan Hafeez

Dr. Sanjoy Paul

Dr. Natalie A Mica

Dr. Adel Shaaban Awad

Deadline for manuscript submissions

closed (15 May 2022)

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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

Prof. Dr. Alessandra Toncelli
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