

Special Issue

Modified Semiconductors: Synthesis, Structure and Advanced Applications

Message from the Guest Editor

This Special Issue aims to showcase recent research and innovations in the field of semiconductor materials and their modifications for advanced applications. The scope of this Special Issue includes, but is not limited to, the following topics: Discovery and Synthesis of New Semiconductors; Property Modification and Optimization; Photocatalytic and Electrochemical Applications; Crystallography and Spectroscopy; Theory and Simulation. We invite the scientific community to submit high-quality original articles that contribute to advancements regarding semiconductor materials and their modifications, thus promoting innovation and sustainability.

Guest Editor

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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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