Special Issue

2D Crystalline Nanomaterials (2nd Edition)

Message from the Guest Editor

Two-dimensional crystalline nanomaterials are a crucial component of crystals. Due to their atomic thin film, 2D crystalline nanomaterials possess many unique and excellent properties. They have therefore garnered tremendous interest in recent years, both in research and industry. In this Special Issue, we focus on 2D crystalline nanomaterials and their application. We will first address the calculation model, growth mechanism, and characterization of two-dimensional crystal materials, and then the fabrication process and carrier transport of a device based on 2D crystalline nanomaterials. We will then address the application of this device in electronics, the photoelectronic and magnetic fields, and sensors.

Guest Editor

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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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