Special Issue

Synthesis and Characterization of Oxide Nanoparticles

Message from the Guest Editors

This Special Issue will focus on the fundamental and applied aspects of oxide nanoparticles, with a specific emphasis on synthesis and characterization techniques. The development of novel and sustainable methods for synthesizing oxide nanoparticles with a controlled size, morphology, composition, and surface properties turns out to be important for their potential applications in various fields, such as catalysis, energy conversion and storage (batteries, solar cells), environmental remediation, biomedicine and drug delivery, sensors, electronics, and optoelectronics.
By focusing on both fundamental and applied research, this journal aims to bridge the gap between synthesis, characterization, and the development of novel functional oxide nanomaterials.

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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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