



Carbonates Volume II

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Message from the Guest Editor

Even though the study of the minerals belonging to the group of carbonates is a longstanding and sound out topic, its relevance remains unchanged, due to the countless implications for a wide range of disciplines, from mineralogy and geology to biology, medicine, and industry. Moreover, the study of the interactions between carbonates and other minerals, such as phosphates, or between carbonates and organics, may disclose new opportunities for understanding the mechanisms involved in natural phenomena, such as biomineralization.

The goal of this Special Issue on Carbonates is to provide a comprehensive overview about both the state-of-the-art and recent advances in crystal growth and characterization of carbonate phases, pointing out the mechanisms of growth, the interactions among phases, and the applications.





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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.

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