Special Issue

Structure and Properties of Fluoride-based Materials

Message from the Guest Editor

Because of the ability of fluorine to form strong and stable chemical bonds with many other elements, fluoride-based materials have found a wide usage in photonics, electronics, optoelectronics, energy storage, lithium and sodium batteries, fuel cells, supercapacitors, and membranes. The importance of fluoride-based materials is well established and the number of applications for these materials continues to increase. This Special Issue is intended to provide an overview of the current activity in the field.

- Fluoride-based materials
- Energy storage
- Photonics
- Optoelectronics
- Electronics

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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