Synthesis and Characterization of Ferroelectrics

Message from the Guest Editor

Ferroelectrics have been one of the most used and studied materials in both scientific and industrial communities. In addition to their foremost property (ferroelectricity), these materials also display other numerous attractive utility properties, such as piezoelectricity, piroelectricity, and electro-optics, which designate them as multifunctional materials particularly suitable for a wide range of applications ranging from effective sensors, actuators, and transducers to optical and memory devices.

The purpose of this collection is to present an up-to-date view of ferroelectric multifunctional and smart materials, which are considered to be among the future’s most important materials. This Special Issue of Crystals aims to explore all aspects of crystal structure, crystal growth, ceramic technology, and characterization techniques of ferroelectric materials. Your contributions to the above issue are warmly welcome.
Editor-in-Chief

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Message from the Editor-in-Chief

Crystals are a very important class of structured material, both from a scientific and technological viewpoint. In 2011, the Nobel Prize in Chemistry was awarded to Dan Schechtman for his work on quasicrystals. Our journal already expresses in its name *Crystals* that its focus centers around all aspects of this class of materials, which has fascinated humankind from its beginning. Despite decades of research on crystals, it remains a hot and fascinating research topic.

*Crystals* is a good platform for dissemination of knowledge in this area.

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