Special Issue

Advances in Piezoelectric and Multiferroic Materials: Properties, Characterization, and Modeling

Message from the Guest Editors

Ferro/piezoelectric and multiferroic materials have garnered significant attention in recent years due to their unique properties and potential applications in various fields.

- The Enhancement of Ferro/piezoelectric and Multiferroic Properties:
- Novel synthesis and fabrication techniques to improve the ferro/piezoelectric and multiferroic properties of these materials.
- Investigation of the structure–property relationships and mechanisms governing their ferro/piezoelectric and multiferroic behavior.
- Strategies for optimizing and tailoring the properties of ferro/piezoelectric and multiferroic materials for specific applications.
- Advances in Characterization and Modeling:
- The development of advanced characterization techniques to probe the structural, electrical, and magnetic properties of ferro/piezoelectric and multiferroic materials.
- Theoretical modeling and simulation approaches to elucidate the underlying mechanisms and predict the behavior of these materials.

Guest Editors

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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