

Special Issue

Ferroelectrics and Antiferroelectrics: Microstructures, Properties and Applications

Message from the Guest Editor

This Special Issue focuses on, but is not limited to, the following areas: (1) innovative methods and processes for the synthesis of ferroelectric and antiferroelectric materials; (2) unique structure discovered in ferroelectrics and antiferroelectrics; (3) the optimization of the electrical, thermal, and mechanical properties; (4) performance and prospects of ferroelectric and antiferroelectric materials in practical applications, including electronic devices, sensors, memory devices, energy harvesting, and conversion; and (5) understanding and predicting the relationship between the structure and properties of materials through theoretical calculations and simulations.

Guest Editor

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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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