Special Issue

Piezoelectric/Ferroelectric Ceramic Materials and Devices

Message from the Guest Editor

As important functional materials, piezoelectric/ferroelectric materials have obtained widespread applications in transducers, sensors, actuators etc. Through the proper selection of materials, versatile piezoelectric/ferroelectric-based devices have been designed, such as bulk ceramic sensors and future developments are expected and will have great value. Furthermore, significant progress has been made in materials preparation and development, including nano-sized precursor powders prepared by liquid-phase techniques, novel sintering techniques such reaction sintering and cold sintering processes, and so on. This extensive progress has promoted the development of piezoelectric/ferroelectric materials and devices.
The forthcoming Special Issue will focus on recent advancements in the field of Piezoelectric/Ferroelectric Ceramic Materials and Devices. Topics include but are not limited to:

- Lead-based piezoelectric/ferroelectric materials and devices;
- Lead-free piezoelectric/ferroelectric materials and devices;
- Novel processing of piezoelectric/ferroelectric materials;
- Ferroelectric phase transition;
- Piezoelectric/ferroelectric nanostructures.

Guest Editor

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Deadline for manuscript submissions

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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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