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Performance Testing and Application of Ferroelectric/Piezoelectric Ceramics

Guest Editor:

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Message from the Guest Editor

Piezoelectric and ferroelectric materials have attracted increased interest due to their potential application in the electronic industry. In particular, solid-state devices utilizing piezoelectric effects have garnered significant attention both scientifically and technologically; this is because piezoelectric devices such as actuators, sensors and transducers have been extensively employed in electromechanical applications such as oscillators, vibration damping, ultrasonic motors, ultrasonic biomedical imaging, MEMS loud speakers, accelerometers, resonators and micro/nano positioning. In addition, many new devices and applications have been explored intensively, and many novel technological developments, such as material fabrication, device design, and the performance evaluation of devices, are emerging. These technologies offer outstanding ferroelectric and piezoelectric properties, which makes them particularly useful in the field of electronic devices. This Special Issue aims to gather recent research on ferroelectric/piezoelectric materials and devices in the aforementioned areas.



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Special Issue



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Message from the Editor-in-Chief

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