

Special Issue

Multiferroics and Magnetoelectrics for Sensors, Low-F Antenna and Other Related Emerging Devices

Message from the Guest Editors

There have been very significant advances in the past decade on sensors and devices based on multiferroics and magnetoelectrics. The materials' response to electric, magnetic, and mechanical forces make them ideal for use as sensors of AC and DC magnetic fields, current, position, acceleration, and RF antennas, and MEMS-based sensors for medical imaging applications. Several magnetoelectric devices, such as gyrators and dual electric and magnetic fields, which are tunable to a high frequency, such as resonators, filters, and phase shifters, also have been demonstrated. This Special Issue will focus on both reviews and research articles on the recent advances in magnetoelectric materials-based sensors and other related devices and the theory and modeling of the applications of these smart materials.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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