actuators

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Ferroelectric Materials and Piezoelectric Actuators

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Message from the Guest Editors

Dear Colleagues,

Ferroelectric materials have wide promising applications in computer RAM, sensing, imaging, chemical reaction catalyses, precision driving motors, micro/nano/molecular manipulations, energy harvesting, transduction, etc.

This Special Issue covers the latest advances in ferroelectric materials, piezoelectric actuators, and their applications.

Thematic areas include (i) the relationships between the processing, structure, microstructure, and functional response of ferroelectric and related materials in the form of bulk polycrystalline ceramics, single crystals, and thick or thin films, (ii) novel functionalities or a combination of properties oriented toward new application areas, and (iii) the modeling and characterization of piezoelectric materials and their performance in a wide range of devices and applications.

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