



Electroceramic Thin Films: Technology, Properties and Applications

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Message from the Guest Editors

Dear Colleagues,

Electroceramic thin films are fascinating and attractive for scientific discoveries leading to novel innovations. They are needed for basic studies and device development. Due to their small volume and large geometrical flexibility, new properties or phenomena, new crystallographic structures, and new engineered structures unique to electroceramic thin films are now exploited in a wide range of engineering and basic science disciplines.

This Special Issue is focused on processing, characterization, structure, properties, modeling, and performance of electroceramic thin films. This includes but is not limited to the areas of:

Dielectrics; Ferroelectrics; Ion conductors, mixed ionic-electronic conductors; Mechanics and nanomechanics of thin layers; Wireless communications; Actuators, sensors, and transducers; Energy harvesting.

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers fourteen comprehensive topics: Biomaterials; Energy Materials; Composites; Structure Analysis; Porous Materials; Manufacturing Processes; Advanced Nanomaterials; Smart Materials; Thin Films; Catalytic Materials; Carbon Materials; Materials Chemistry; Materials Physics; Optics and Photonics; Corrosion; Building Materials. The distinguished and dedicated editorial board and our strict peer-review process ensure the highest degree of scientific rigor and review of all published articles.

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