Special Issue

Advanced Thin Films: Technology, Properties and Multiple Applications

Message from the Guest Editors

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.

For more information, you can click the following link: https://www.mdpi.com/journal/materials/special_issues/electroceramic_thin_films

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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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