

## Special Issue

# Advanced Dielectric, Piezoelectric and Ferroelectric Properties of Materials

### Message from the Guest Editors

Advanced dielectric/piezoelectric/ferroelectric materials, as important functional materials, play a crucial role in electrical, acoustic, thermal, mechanical, and optical sensing and energy conversion devices and are widely used in high-tech fields such as electronic information technology, pulse power equipment, aerospace, ultrasonic diagnosis, non-destructive testing, and intelligent systems. This Special Issue includes—but is not limited to—the following areas:

- Novel material (ceramics, polymers, composites, crystals, thin/thick film);
- Advanced synthesis, fabrication, and processing techniques;
- Theoretical modeling and structure-property relationships;
- Property characterization and analysis techniques;
- High-performance materials;
- Applications in dielectric capacitive energy storage, piezoelectric transducers/sensors/actuators, ferroelectric memory devices, etc.;
- Emerging applications in energy harvesting, IoT, and flexible electronics;
- Multi-functional integrated devices and systems.

### Guest Editors

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### Deadline for manuscript submissions

20 February 2026



## Materials

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Impact Factor 3.2  
CiteScore 6.4  
Indexed in PubMed



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## About the Journal

### 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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