Special Issue

Advances in Multiferroics

Message from the Guest Editor

This issue of Materials aims to highlight and summarize recent advances in multiferroics research. Contributions in the areas of synthesis, new or improved experimental and theoretical techniques for determining magnetic or ferroelectric order and their coupling, linear magnetoelectric coupling and beyond, ferroelectric and magnetoelectric switching, switching dynamics, domain walls, flexible systems, and applications of magnetoelectric multiferroics are welcomed.

Keywords

- Magnetoelectrics
- Multiferroics
- Ferroelectric/Ferromagnetic Composites
- Domains and Topological Structures
- Domain Walls and Heterointerfaces
- Magnetization, Ferroelectric, and Magnetoelectric Switching and Dynamics

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Deadline for manuscript submissions

closed (20 April 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/19643

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Indexed in PubMed

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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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