



an Open Access Journal by MDPI

Advances in Multiferroics

Guest Editor:

Prof. John Heron

Department of Materials Science and Engineering, University of Michigan, Ann Arbor, MI, USA

Deadline for manuscript submissions: closed (20 April 2022)

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









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)

Contact Us

Materials Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials_Mdpi