



an Open Access Journal by MDPI

Electroceramic Materials

Guest Editor:

Prof. Dr. Antonio Feteira

Materials and Engineering
Research Institute, Sheffield
Hallam University, Sheffield S1
1WB, UK

Deadline for manuscript
submissions:

closed (30 September 2020)

Message from the Guest Editor

Dear Colleagues,

Electroceramics are at the heart of modern electronics because they afford an unmatched range of electrical, magnetic and optical properties, which underpin the deployment of new technologies. Indeed, nowadays electroceramics are ubiquitous in the technical, scientific, industrial and consumer arenas. Nevertheless, the ever increasing trend towards further miniaturisation of electronic devices is demanding new and improved electroceramics. Simultaneously, in response to raw materials scarcity and environmental concerns research into electroceramics has been forced to take a more sustainable path. In a foreseeable future, developments in the electroceramics field can be expected to be driven by implementation of multiscale modelling for optimal design. In particular tailoring of the local structure may enable new functionalities. These three factors have promoted a good wealth of fundamental and applied research into ceramics materials with potential to meet stringent requirements placed by technological areas ranging from wireless communication, energy storage, sensors and actuators, just to mention a few.

Dr. Antonio Feteira

Guest Editor



mdpi.com/si/13870

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. 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 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.

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 - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*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](https://twitter.com/Materials_Mdpi)