Special Issue

Advances in the Structural and Functional Characterization of Ferroic Materials

Message from the Guest Editors

It is our great pleasure to announce this Special Issue of *Materials* entitled “Advances in the Structural and Functional Characterization of Ferroic Materials” is now open for submissions. We invite you to submit your contributions. Ferroic materials: magnetics, ferroelectrics and multiferroics are now widely implemented in different types of devices, for examples, micro- and nanoelectronics as well as memory devices, etc. They play a key role in development of the modern technology. As well as known ferroic materials, novel materials, many 2D-ferroelectrics and magnetics are being deeply investigated by researchers. This issue aims to summarize recent progress in the advanced characterization of ferroelectric, piezoelectric, magnetic, and other functional materials, with specific focus on microscopy and spectroscopy realized at the micro- and nanoscale as well as scale of individual atoms and molecules. Dr. Denis Alikin
Dr. Ali Baghizhadeh

Guest Editors

Dr. Denis Alikin

School of Natural Sciences and Mathematics, Ural Federal University, 51 Lenin Ave., Ekaterinburg, Russia

Dr. Ali Baghizadeh

ScopeM (Scientific Center for Optical and Electron Microscopy), ETH, Otto-Stern-Weg 3, Zürich, Switzerland

Deadline for manuscript submissions

closed (20 May 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/47513

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

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.

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

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)