



an Open Access Journal by MDPI

Functional Nanomaterials and Their Ferroelectric, Magnetic or Optical Behavior

Guest Editors:

Prof. Dr. Yuan-Tsung Chen

Graduate School of Materials
Science, National Yunlin
University of Science and
Technology, 123 University Road,
Section 3, Douliou, Yunlin 64002,
Taiwan

Prof. Dr. Shih-Hung Lin

Department of Electronic
Engineering, National Yunlin
University of Science and
Technology, 123 University Road,
Section 3, Douliou, Yunlin 64002,
Taiwan

Deadline for manuscript
submissions:

closed (20 October 2022)

Message from the Guest Editors

Dear Colleagues,

Researchers and scholars are invited to actively submit their papers to this Special Issue on thin film materials, such as the field of magnetics, optoelectronics, ferroelectrics, etc. Contributions can focus on fields including magnetic materials, magnetic recording media, tunneling magnetoresistance, magnetostriction, magnetic wall, hard magnet, soft magnetic, nano-optical materials, and piezoelectric materials.

The submitted manuscripts are divided into the categories as listed below:

(A) Magnetic materials and recording media; (B) Functional oxides, nitrides, and inorganic materials; (C) Multilayer electronic ceramic components; (D) Integrated circuit and packaging materials; (E) Inorganic and organic optoelectronic materials and displays; (F) Energy materials; (G) Nanomaterials; (H) Nanoelectronics and optoelectronics; (I) Low-dimensional materials; (J) Applied physics and materials; (K) Calculation material; (L) Other materials.

Prof. Dr. Yuan-Tsung Chen

Dr. Shih-Hung Lin

Guest Editors



mdpi.com/si/93006

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)