materials

an Open Access Journal by MDPI

IMPACT FACTOR 3.1

Indexed in: PubMed

CITESCORE 5.8

Advanced Thin Films: Technology, Properties and Multiple Applications

Guest Editors:

Prof. Dr. Dionizy Czekaj
Faculty of Mechanical Engineering and Ship Technology, Gdańsk University of Technology, 11/12 Narutowicza Str., 80-233 Gdańsk, Poland

Prof. Dr. Agata Lisińska-Czekaj
Department of Materials Engineering and Welding, Faculty of Mechanical Engineering, Gdansk University of Technology, 11/12, G. Narutowicza St., 80-233 Gdańsk, Poland

Deadline for manuscript submissions:
closed (10 October 2023)

Message from the Guest Editors

Dear Colleagues,

Electroceramic thin films are fascinating and attractive for scientific discoveries leading to novel innovations. They are needed for basic studies and device development. Due to their small volume and large geometrical flexibility, new properties or phenomena, new crystallographic structures, and new engineered structures unique to electroceramic thin films are now exploited in a wide range of engineering and basic science disciplines.

This Special Issue is focused on processing, characterization, structure, properties, modeling, and performance of electroceramic thin films. This includes but is not limited to the areas of:
Dielectrics; Ferroelectrics; Ion conductors, mixed ionic-electronic conductors; Mechanics and nanomechanics of thin layers; Wireless communications; Actuators, sensors, and transducers; Energy harvesting.

For more information, you can click the following link:
https://www.mdpi.com/journal/materials/special_issues/electroc

Prof. Dr. Dionizy Czekaj
Prof. Dr. Agata Lisińska-Czekaj
Guest Editors

materials

IMPACT FACTOR 3.1 | Indexed in: PubMed | CITESCORE 5.8

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