

Special Issue

Advances in Electronic Films: Preparation, Characterization, and Applications

Message from the Guest Editors

In this Special Issue, we encourage submissions of all articles discussing the preparation, characterization, and application of thin films for use in advanced electronics. Thin films, nanomaterials, nanotubes, etc. play crucial roles in modern technology, forming the foundation for electronic devices, ranging from transistors and solar cells to touchscreens and flexible electronics. As research in this field progresses, advancements are continuously being made in the preparation, characterization, and application of these films. For the preparation of these devices, scientists are exploring novel methods for depositing thin films, such as atomic layer deposition (ALD), pulsed laser deposition (PLD), molecular beam epitaxy (MBE), and solution-based processing. As advancements in electronic films are driven by continuous research and development in their preparation, characterization, and application and these advancements lead to the development of innovative and high-performance devices that will have a significant impact on various sectors in the future, we invite you to submit your manuscripts to this Special Issue. Full papers, communications, and reviews are all welcome.

Guest Editors

Dr. Lukasz Wachnicki

Polish Academy of Sciences, Institute of Physics, al. Lotników 32/46,
02-668 Warszawa, Poland

Dr. Sylwia Gierałtowska

Polish Academy of Sciences, Institute of Physics, al. Lotników 32/46,
02-668 Warszawa, Poland

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

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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

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