Special Issue

Thin Films for Electronic Devices

Message from the Guest Editors

This Special Issue of *Coatings* on "Thin Films for Electronic Devices" encompasses all aspects of advanced thin films for state-of-the-art optoelectonic, photonic, energy, electronic, and neuromorphic devices in the field of their properties, fabrication, characterization, and applications. The aim of this Special Issue is to present the latest experimental and theoretical developments of thin films for diverse electronic devices, through a combination of original research papers and review articles from leading groups around the world. The topic of interest includes but is not limited to:

- Prospect of future thin films from the perspective of electronic devices;
- Fundamental studies and modeling of thin films for electronic devices;
- Novel thin films for newly developed devices in a wide range of optoelectronics, photonics, photovoltaics, thermoelectrics, sensing, and neuromorphics;
- Fabrication technologies for novel devices;
- Characterization/properties/surface/interface/defect/boundary/reliability.

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.
Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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