

Special Issue

Optical, Electrical and Mechanical Properties of Thin Films

Message from the Guest Editors

Functional thin films have been widely used in the fields of micro- and nanoelectronics, optical communication, biological systems, and mechanical equipment in devices such as thin-film transistors, planar waveguides, solar elements, LEDs, gas sensors, and mechanical components. The synthesis of these thin films and the acquisition of information about their optical, electronic, mechanical, and tribological properties, as well as their wettability, are very important for the development of new stable devices based on them. Studying the factors involved in the properties of thin films allows for the determination of many interesting properties of these nanomaterials, which can be made of inorganic, organic, metal, dielectric, or hybrid materials. This is significant given the wide range of practical applications that are implicated. This Special Issue of *Materials* will include original research articles and review papers written by researchers on the topic of *Optical, Electrical, and Mechanical Properties of Thin Films*. Investigations into other performance parameters of thin films are also welcome. I look forward to receiving your contributions.

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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.

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