Special Issue

Advanced Thin Film Technologies: Surface and Interface Engineering with Nanomaterials

Message from the Guest Editors

Thin film technologies have revolutionized numerous fields, from electronics and energy to healthcare and environmental applications. As a pivotal area in materials science, the engineering of surfaces and interfaces at the nanoscale enables the development of advanced materials with exceptional properties. The performance and functionality of thin films are profoundly influenced by surface treatments and interface control, which govern phenomena such as adhesion, conductivity, optical behavior, and mechanical strength.

This Special Issue, entitled “Advanced Thin Film Technologies: Surface and Interface Engineering with Nanomaterials”, invites researchers to share their latest findings and innovative approaches in this dynamic field. Topics of interest include, but are not limited to, cutting-edge surface modification techniques, interface engineering methods, the characterization of thin film properties, and the novel applications of nanomaterial-based thin films. Contributions that explore interdisciplinary approaches, sustainable practices, or address emerging challenges in thin film technology are particularly encouraged.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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