



Synthesis and Modification of Nanostructured Thin Films

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

We invite you to contribute to a Special Issue of *Nanomaterials* entitled "Synthesis and Modification of Nanostructured Thin Films", which is devoted to nanostructures for applications in science, technology, and biomedicine. We expect new original results and interpretations in the synthesis of nanostructures with a special emphasis on complex characterizations and multifunctional utilizations.

This Special Issue is open to any kind of synthesis process and also includes multiple congruent characterization, complex interpretations of results, and recent applications in multiple fields.

The conviction of the Guest Editor is that many advances should be marked in the field and they deserve an up-to-date review. The authors should refer to previous progress in the field and try to focus on the latest developments within this domain.

We believe that the time has come for such an evaluation. The topics of this issue are quite generous starting from synthesis via characterization and going to last hour applications of nanomaterials.





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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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