Special Issue

Recent Research on Surface and Interface in Nanosystems

Message from the Guest Editors

As is well known, the role of the surface in nanomaterials is crucial for the development of new and advanced materials, with great impact not only in the scientific community, but also in social life. The aim of this Special Issue is to collect remarkable contributions on the study of the surface and interface in nanosystems. Research will cover many aspects of the surface, such as its design, modifications, characterizations, and reactivities. At the same time, all phenomena involving the solid-solid, solid-liquid, and solid-gas interfaces will be considered. Nanoparticles, core-shell nanoparticles, nanorods, nanotubes, nanowires, nano shells, thin films, etc., prepared through the most common chemical and physical methods can be included in nanosystems. Considerable attention will be devoted to the physical-chemical properties of nanosystems investigated via spectroscopic (XPS, AES, EELS, Raman, etc.) and microscopy (SEM, STM, TEM, AFM, etc.) techniques, as well as electrochemical, magnetic, catalysis, and biocompatibility performances. See more information at https://mdpi.com/si/128210. We look forward to receiving your contributions. Guste Editors

Guest Editors

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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.

Editor-in-Chief

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