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Doping in Systems Derived by Chemical or Physical Deposition Techniques for Environmental and Energy Application

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Message from the Guest Editors

Dear Colleagues,

This special issue focuses at doping related phenomena in nanomaterials, whereby the aspects of functionality for environmental and energy application were identified as those that recently raise special attention of the scientific community. Novel systems and setups, modifications of the compositions and depositions using chemical and physical methods point out to the importance of novelties from the areas of materials design, synthesis procedures and deposition techniques. In addition, equally important are the novelties from the area of characterisations that are critical for understanding of materials compatibility, i.e. monitoring interfacing issues of composites based on doped nanomaterials.

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Special Issue



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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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