



Nano-Structured Materials for Solar Cells and Gas Sensors

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Message from the Guest Editor

This Special Issue aims to give a brief overview of the current state of the development of the nanostructured materials (semiconductors, metal oxides, and composite thin films) for use in photovoltaic conversion and gas sensors. This includes active and passive elements of solar cells and sensors, with an emphasis on properties of nano-structural materials, methods of deposition, and characterization concerning their specific roles in the final device. The expected contributions should cover a broad field of research, from theory, experiment, specific characterization methods, material properties related to specific structures, core-shell particles, alloys, thin films, and multi-layers, to device properties and perspectives.





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Message from the Editor-in-Chief

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