Special Issue

Multifunctional Nanostructured Materials for Next Generation Photovoltaics

Message from the Guest Editors

Access to cheap and abundant solar power and storage is one of the most important challenges today, and it will transform the way we produce and use power. Next-generation solar energy conversion devices offer high hopes but might be more toxic than we expect. The need for new cost-effective, reliable, and efficient but low-toxic multifunctional nanostructured materials for next-generation photovoltaics is increasing. This Special Issue addresses this topic inviting contributions regarding recent scientific advancements on this subject. It covers virtually any kind of research regarding organic, inorganic or hybrid nanostructured materials that have potential for use in the next generation of photovoltaics development. We welcome original papers, short communications, and reviews that report on fabrication, characterization, integration or application development as well as studies on toxicity, environmental issues, etc.

Guest Editors

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Deadline for manuscript submissions

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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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