

Special Issue

Nano-Structured Solar Cells 2020-2022

Message from the Guest Editor

Nano-structured or thin-film solar cells are an exciting and promising approach for renewable (i.e., photovoltaics (PV)) energy generation and it offers variety of choices in terms of device design, modelling, fabrication, and analysis for the improvement of conversion efficiency. Nano-structured or thin-film technologies have a great potential to reduce the cost by eliminating wafer slicing and reducing the material consumption by a factor of more than ten. An absorber layer can be deposited at the required thickness, greatly reducing wastage provided source material utilisation is a very good approach. We welcome research and review papers (both theoretical and experimental) for the development of high conversion efficiency thin film solar or nano-structured solar or PV cells and related areas.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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