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Nano-Structured Solar Cells 2020-2022

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editor

Dear Colleagues,

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.



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Special Issue



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Message from the Editor-in-Chief

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