Special Issue

Future Directions in Thin Film Solar Cells

Message from the Guest Editor

This special issue will provide a comprehensive overview on recent advances and future directions of research in the emerging thin film solar cells. This include different PV technologies such as Hybrid Organic-inorganics, organic photovoltaics, quantum dots (QDs), CIGS, oxide PV and homo/hybrid tandem solar cells, existing challenges in these emerging PV technologies, their novel applications such as visible light communication, energy efficient windows, indoor light harvesting etc. The special issue will consider studies from an interdisciplinary perspective which integrate PV materials development, characterization, their photophysics, and engineering applications. Topics covered include but are not limited to;

- Hybrid organic-inorganic PV
- Organic Solar cells
- Semitransparent/transparent PV
- Device Physics of solar cells
- Interfacial engineering
- Tandem solar cells

Thank you very much!

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/62219

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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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