Special Issue

Recent Advances in Thin Film Solar Cells

Message from the Guest Editors

Solar energy is a practically inexhaustible natural power resource for Earth. Therefore, the effort in the development of highly efficient solar cells, which is a response to the most pressing environmental and economic concerns, is of extreme importance. Many types of photovoltaic cells are being developed, among which thin-film solar cells have acquired a significant position. This Special Issue will cover new topics that have arisen with the development of thin-film solar cell technologies, initiated by the necessity of reducing material costs. We welcome papers on various aspects of thin-film solar cells, including topics concerning material engineering, fabrication technology, theoretical analysis, characterization and optimization of thin-film solar cell structures, as well as papers describing innovative industrial solutions and practices, thereby allowing better targeting of academic research toward the improvement of thin-film solar cell conversion efficiency.

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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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