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Thin Films for Energy Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 July 2022)

Message from the Guest Editor

Solar cells, batteries, super capacitors, thermoelectric, LEDs and any device that can generate, store or release energy can be prepared via a suitable deposition of thin film materials.

The electric and optic properties of these layers as well as the interface between them can play a crucial role for the fabrication of good working devices. Also, the chemistry of the layers is crucial to achieve enhanced contact between the films or to improve the electrical and optic properties of the bulk. The deposition of the layer is an important engineering issue, especially when a homogeneous deposition over large area is the aim of the study. This issue welcomes any paper that focuses on chemical, physical and engineering studies for thin film devices. Device fabrication and up-scaling demonstrations are encouraged but they are not essential.

This special issue aims to give the opportunity to share and discuss results for well-known materials, such as halide perovskites, or new emerging materials.

I look forward to receiving your manuscripts.



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Special Issue



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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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