Special Issue

Solar Devices: Fundamentals, Materials, Design, and Fabrication

Message from the Guest Editors

The current Special Issue intends to collect the most recent findings and developments in solar energy research. We hope to attract contributions dealing with the fundamental question of solar light absorption by materials, and with questions surrounding novel material development and solar device design and fabrication answered.This Special Issue aims to present a thorough overview of the most recent advancements in perovskite solar cells. Contributions from researchers and experts in the field will explore novel approaches toward improving the performance and stability of perovskite solar cells, addressing critical challenges that prevent their commercialization.Besides the fundamental issues of light harvesting and charge separation, the scope of subjects covered by this Special Issue includes synthesizing novel materials, interface engineering, device architectural optimization, and incorporating solar cells into various solar energy harvesting systems. This Special Issue aims to foster a deeper understanding of the underlying principles governing the efficiency and stability of these devices.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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