



Advances in Energy Efficiency of Si Tandem Solar Cells

Guest Editor:

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Message from the Guest Editor

In this Special Issue, we are interested in a wide range of discussions about the efficiency potential of Si tandem solar cells from theoretical analyses and simulations; economic calculations; multiple device processing of top cells, bottom cells, and tandem cells; their characterization; life-cycle assessment; automobile; agriculture; space and other applications; system demonstrations; and field experience, regardless of the type of solar cell configuration. We welcome papers on every kind of Si tandem solar cells and related technologies (including III-V/Si, II-VI/Si, chalcopyrite/Si, kesterite/Si, and perovskite/Si tandem cells, as well as epi-growth, wafer-bonding, direct growth on textured surface, ELO, mechanical stack, 2T, 3T, 4T, and more).





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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.

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