



Recent Advances in Perovskite Optoelectronics: From Materials to Devices

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Message from the Guest Editor

Dear Colleagues,

Photovoltaic technologies have been intensively pursued as a result of the high global demand of clean renewable energy. Hybrid perovskites/silicon tandem cells have recently attracted enormous attention for photovoltaic applications with a certificated power conversion efficiency of 31.3%, owing to their superior physical properties such as long diffusion length, low trap density, suitable band gap and high light absorption. Various strategies from material synthesis to cell package have been developed to enhance the performance and the stability.

In this Special Issue, we wish to cover the most recent developments in perovskite optoelectronic devices towards high performance, high stability, and environmental sustainability.





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Message from the Editor-in-Chief

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