



Perovskite Nanomaterials for Solar Cells and Optoelectronic Applications

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Message from the Guest Editor

In recent years, solar cells based on perovskites have attracted considerable attention. Consequently, thanks to the intensive research work carried out, the efficiencies of these cells have evolved very quickly to recently reach a record of 25.2%. Their hybrid character (organic and inorganic) endows this class of materials with interesting optoelectronic properties, such as high optical absorption, long diffusion length of charge carriers, as well as ease of solution and low-cost manufacturing. Nonetheless, among the challenges that remain for the industrialization of this technology, the problem of long-term stability is arguably one of the main ones. The present Special Issue aims to provide an overview of recent developments in solar cells based on perovskites.





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Message from the Editor-in-Chief

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