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Advances in Organic and Perovskite Solar Cells

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Message from the Guest Editor

Organic Solar Cells (OSCs) represent an outstanding class of photovoltaic technology, which has the potential to provide good Power Conversion Efficiencies (PCE), employing cheap, easily tunable polymeric or small molecule organic materials. In addition, these materials are compatible with industrial processes, thus, indicating potential low-cost upscaling.

Perovskite-based solar cells, have revolutionized the photovoltaic field in the last ten years. An impressive leap in PCE from 3% in 2009 to 23% in 2018 has attracted the attention of many researchers and industries, which are now fully devoted to the optimization of the stability of these interesting devices.

In this Special Issue, we would like to cover all important aspects concerning OSCs or PSCs, including novel materials, photophysical investigations, stability measurements, or innovations in device architectures.



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Special Issue



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Message from the Editor-in-Chief

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