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Inorganic Nanocrystal Solar Cells

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Message from the Guest Editor

Solar cells are one of the most promising renewable energy sources in the face of the rising global demand for electricity and climate change. Since the invention of solar cells, the current solar cell technology is striving to reach the theoretical limit efficiency through the development of various light-absorbing materials, high-efficiency technologies with a large area and a high stability with the consideration of commercialization.

In this Special Issue, we will cover research studies related to inorganic nanocrystal solar cells, including material engineering, fabrication process, high-efficiency technology, characterization, optimization, theoretical analysis, simulations and solutions for the problems faced by inorganic nanocrystal solar cells.

Dr. HyunJung Park
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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