

Special Issue

Inorganic Nanocrystal Solar Cells

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.

Guest Editor

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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