Special Issue

Trends and Prospects in Dye-Sensitized Solar Cells

Message from the Guest Editor

In this Special Issue, we are collecting original submissions of new research outcomes or reviews concerning the dye-sensitized solar cells (DSSCs) field. Our aim is to establish a collection of papers that will be of interest to scholars in the field. Interest in DSSCs is greatly increasing, as well as the number of papers dedicated to this topic. DSSCs are regarded worldwide as a complementary technology with respect to traditional silicon solar cells, since they can also be used for indoor application. In the last decades, many steps forward have been made in this solar technology, concerning efficiency, sustainability, safety and cost. Topics of interest of this Special Issue include (but are not limited to):

- Transparent (and colorless) DSSCs;
- Sustainability of materials and processes in DSSC fabrication;
- Renewable materials for DSSCs;
- Flexible and wearable DSSCs;
- Electrolytes for DSSCs;
- Aqueous DSSCs;
- Integrated devices with an energy storage unit.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2023)

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Message from the Editor-in-Chief

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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