



energies



an Open Access Journal by MDPI

Trends and Prospects in Dye-Sensitized Solar Cells

Guest Editor:

Dr. Lucia Fagiolari

Department of Applied Science
and Technology, Politecnico di
Torino, 10129 Torino, Italy

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editor

Dear Colleagues,

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.



mdpi.com/si/101485

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)