Special Issue

Advances in Photovoltaic/Solar Collectors and Their Potential for an Industrial Decarbonization

Message from the Guest Editor

Advances in solar collectors and solar energy concentration enable not only a massive scaling in energy production but also can lead to industrial decarbonisation. This Special Issue is intended to collect original research works, reviews and case studies on innovative technology developments to maximize the collection efficiency of different energy generation systems. The topics of interest for publication include, but are not limited to, the following: - New progresses in solar collectors to maximize the collection efficiency of different energy generation systems.
- Advancements in the solar collection and concentration efficiency.
- PV technology/solar collectors and their potential applications for a low-carbon industry.
- Improved solar tracking for energy-production systems.
- Developments in solar cells for PV technology.
- Solar-pumped lasers.
- Solar energy collectors for hydrogen production.
- Integrated operation of solar collectors, energy storage and potential industrial applications.

Guest Editor

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Deadline for manuscript submissions

closed (25 February 2025)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/167884

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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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