Special Issue

Emerging Technologies for Thin Film Solar Cells

Message from the Guest Editor

In this Special Issue, we aim to cover the latest advances in thin-film solar cells based on new types of materials including perovskite materials and organic materials. In this Special Issue, we encourage researchers to contribute and submit their manuscripts on emerging thin-film solar cell materials and device research and cover some of the topics mentioned above. Full papers and review submissions are welcome. Keywords

- solar cells materials synthesis including thin-film materials
- structural, optical, and electrical properties
- solar cells fabrication
- solar cells modelling

Guest Editor

Dr. Jhantu Kumar Saha

School of Engineering, University of Guelph, Guelph, ON N1G 2W1, Canada

Deadline for manuscript submissions

25 September 2025



Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



mdpi.com/si/204414

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/ energies





Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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 (Control and Optimization)

