energies

an Open Access Journal by MDPI

IMPACT FACTOR 3.0

CITESCORE 6.2

Solar Cooling Technologies and Applications

Guest Editor:

Dr. Camelia Stanciu
Department of Engineering Thermodynamics, University Politehnica of Bucharest, 060042 Bucharest, Romania

Deadline for manuscript submissions:
closed (30 November 2020)

Message from the Guest Editor

Dear Colleagues,

The latest developments in solar cooling technologies have a great potential since the cooling demand and, thus, the electricity demand have increased drastically. Relying on solar energy to produce cooling is a very important issue in developing sustainable energetic systems. This Special Issue focuses on technologies and applications designed to maintain indoor comfort and air quality while saving conventional sources of energy by using solar-assisted systems. Research studies concerning solar cooling technologies, including high-temperature thermal storage tanks for solar cooling, solar thermal or photovoltaic cooling systems, performance calculations, technical, environmental, and economic aspects, are welcome. Researchers are warmly invited to contribute to this Special Issue and constructively disseminate their results.

energies

IMPACT FACTOR 3.0

CITESCORE 6.2

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 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/energies
energies@mdpi.com
𝕏@energies_mdpi