

Special Issue

Innovative Technologies to Optimize Building Energy Performance

Message from the Guest Editor

This Special Issue aims to provide a collection of worthy studies concerning

- Innovative technologies to improve the energy performance of the building envelope;
- Innovative technologies to reduce the primary energy consumption of building active systems, as concerns both design and operation/control;
- Innovative integrated technologies concerning envelope and systems to optimize building energy performance.

Original papers related to the above topics and also dealing generally with technologies, methodologies, numerical and experimental investigations, and case studies addressing building energy optimization are welcome.

Guest Editor

Dr. Gerardo Maria Mauro

Department of Engineering, Università degli Studi del Sannio, Piazza Roma 21, 82100 Benevento, Italy

Deadline for manuscript submissions

closed (20 April 2025)



Thermo

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 3.9



mdpi.com/si/154178

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

[mdpi.com/journal/
thermo](https://mdpi.com/journal/thermo)





Thermo

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 3.9



[mdpi.com/journal/
thermo](https://mdpi.com/journal/thermo)



About the Journal

Message from the Editor-in-Chief

Thermo (ISSN: 2673-7264) is an international, peer-reviewed, and open access journal that publishes original research papers, reviews, and Special Issues dealing with experimental, theoretical, and applied thermal sciences. Both theoretical (simulation) and/or experimental research papers within our journal's scope are of particular interest, including satellite-related topics considering thermophysics, solubility phenomena, chemical thermodynamics, and chemical engineering. We encourage scientists to publish their results in as much detail as possible, and there is no restriction on the maximum length of papers. We greatly appreciate suggestions for enhancing the journal.

Editor-in-Chief

Prof. Dr. Johan Jacquemin

Materials Science, Energy, and Nano-Engineering MSN Department,
Mohammed VI Polytechnic University, Lot 660, Hay Moulay Rachid, Ben
Guerir 43150, Morocco

Author Benefits

Open Access:

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

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO, and other databases.

Journal Rank:

JCR - Q2 (Thermodynamics) Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 23 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2025).