Special Issue

Latest Studies on Nanoscale Heat Transfer and Thermal Management

Message from the Guest Editor

This Special Issue on “Latest Studies on Nanoscale Heat Transfer and Thermal Management” aims to collect relevant studies and provide a communication platform for researchers in this filed. This Special Issue covers original and innovative theoretical and technical research and studies. Research studies in recent years have focused on the development of nanofluids and nanoscale structures, the heat transfer and flow characteristics of nanofluids and nanoscale structures, the properties of nanofluids, and the processing techniques of nanoscale structures. In addition, thermal management techniques have found a wide range of applications in diverse fields of data centers, electric vehicles, electric devices, and battery energy storage. Research on different cooling methods and working fluids, enhanced heat transfer techniques, and system thermal management strategies is welcome.

Guest Editor

Dr. Zhanbin Liu

Key Laboratory of Thermo-Fluid Science and Engineering of Ministry of Education, School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an 710049, China

Deadline for manuscript submissions

10 December 2025

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/200349

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

mdpi.com/journal/energies

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)

MDPI