



energies



an Open Access Journal by MDPI

Nanoscale Heat Transfer and Fluid Flow, Multiphase Flows, and CFD Research

Guest Editor:

Prof. Dr. Mohammad Reza Safaei

Department of Civil and
Environmental Engineering,
Florida International University,
Miami, FL 33199, USA

Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editor

Dear Colleagues,

Nanoscale and microscale heat transfer are a research topic that has attracted plenty of interest in recent years. This type of heat transfer can be single or multiphase, including radiation, convection (free, forced or mixed), and conduction. Due to this, world-class researchers are warmly invited and encouraged to submit their findings to this Special Issue, which will include any investigation about the multiphase flow, such as boiling heat transfer, evaporation, fouling and sedimentation investigations, mass transfer, computational fluid dynamic methods, and new findings in novel nanomaterials generation. Additionally, with this Special Issue, we would be interested in investigating more in-depth the complicated characteristics and behavior of nanomaterials in the thermal systems; hence, numerical and experimental investigations are encouraged for submission to this Special Issue.

Prof. Dr. Mohammad Reza Safaei
Guest Editor



mdpi.com/si/42810

Special Issue



energies



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 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)