Special Issue

New Advancement in Heat and Mass Transfer: Fundamentals and Applications (Volume II)

Message from the Guest Editors

Heat transfer, widely involved in various energy systems, has a great impact on the safety and energy consumption of these systems. This special issue is a continuation of the previous and successful series of Special Issue with topic of "Heat and Mass Transfer". It aims to cover new advancements in heat transfer, either fundamentals or applications, in different research fields. Topics of interest include but are not limited to the following: **Fundamentals of heat transfer:**

- Multiphase flow and heat transfer;
- Multiscale heat transfer;
- Combustion;
- Heat and mass transfer in porous media;
- Radiation;
- Biofluid dynamics and heat transfer;

Experimental and numerical research on heat transfer related to:

- Fossil and renewable energy using systems;
- Energy conversion and storage systems;
- Heat exchangers;
- Fuel cells;
- Heat pipe;
- Air conditioning and refrigeration;
- Heat transfer enhancement;
- Thermal insulation.

Guest Editors

Dr. Guojun Yu

Merchant Marine College, Shanghai Maritime University, Shanghai 201306, China

Dr. Huijin Xu

China-UK Low Carbon College, Shanghai Jiao Tong Univeristy, Shanghai 201306, China

Deadline for manuscript submissions

closed (22 November 2023)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/147381

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)