Special Issue

Experimental and Numerical Thermal Science in Porous Media

Message from the Guest Editors

This special issue covers topics in porous media related to metal foam, additive manufacturing using triply periodic minimum surfaces, design and investigation of additive manufacturing heat exchangers, and fundamental study in heat and mass transfer. Phase change material in porous media for cooling batteries and cooling surfaces. Nanofluids in porous media for cooling surfaces.

Guest Editors

Prof. Dr. Ziad Saghir

Department of Mechanical and Industrial Engineering, Toronto Metropolitan University, Toronto, ON M5B 2K3, Canada

Prof. Dr. Mohammad Mansur Rahman

Department of Mathematics, College of Science, Sultan Qaboos University, Al-Khod PC 123, Muscat, Oman

Deadline for manuscript submissions

closed (30 June 2025)



Energies

an Open Access Journal by MDPI

Impact Factor 3.2 CiteScore 7.3



mdpi.com/si/199702

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



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)

