Special Issue

Advances of Heat Transfer in Porous Media

Message from the Guest Editors

Heat, fluid, and mass transfer in porous media has been one of the hottest topics in recent years. There are plenty of natural and artificial porous media whose structures and thermophysical properties are completely different. Heat and fluid flow in each porous medium has its own character, and this forces researchers to do endless investigations on porous media and develop new and innovative methods for experimental and theoretical researches. The aim of this Special Issue on “Advances of Heat Transfer in Porous Media” is to collect recent studies and provide a valuable source of information for researchers in this field. This Special Issue covers original and innovative research and studies. Research on heat transfer enhancement by porous media, phase change in porous media, volume average and pore scale studies of heat and fluid flow in porous media, determination of thermophysical properties, reaction and adsorption in porous media, and nanofluids in porous media is welcomed. The aim of the editors is to provide not only peer review of the submitted paper but also give useful comments to the authors for their future studies.

Guest Editors

Prof. Dr. Moghtada Mobedi

Mechanical Engineering Department, Faculty of Engineering, Shizuoka University, 3-5-1 Johoku, Naka-ku, Hamamatsu-shi 432-8561, Japan

Prof. Dr. Kamel Hooman

Department of Process and Energy (P&E), Technische Universiteit Delft, Mekelweg 5, 2628 CD Delft, The Netherlands

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

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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

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