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Advances of Heat Transfer in Porous Media

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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.



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Special Issue



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Message from the Editor-in-Chief

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