# Special Issue

# Advances in Heat and Mass Transfer and Reaction in Porous Media

## Message from the Guest Editors

Transport processes in porous media, such as single-phase or multiphase flow, heat and mass transfer and chemical reactions, are encountered in a wide range of scientific and engineering problems including fuel cells, CO2 sequestration, oil recovery, energy storage and saving, heat and mass enhancement, filtration, nuclear reactors, etc. Understanding the coupling mechanisms between different sub-processes and the interactions between the multiple processes and the complicated porous structures is of great importance for enhancing the performance, reducing the cost and promoting the endurance of systems with porous media. Recently, with the development of numerical methods and experimental techniques, significant progresses have been made in the study of transport processes in porous media. This Special Issue titled “Advances in Heat and Mass Transfer and Reaction in Porous Media” aims to present recent research about theoretical, numerical and experimental studies of transport processes in porous media. Reviews of recent trends in the study of transport processes in porous media are also highly required.

## Guest Editors

Prof. Dr. Li Chen
Dr. Xiaoying Zhang
Dr. Feifei Qin

## Deadline for manuscript submissions

closed (30 April 2023)

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*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

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