



## Transport of Fluids in Nanoporous Materials

Guest Editors:

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### Message from the Guest Editors

This Special Issue on “Transport of Fluids in Nanoporous Materials”

([http://www.mdpi.com/journal/processes/special\\_issues/transport](http://www.mdpi.com/journal/processes/special_issues/transport)) aims to present novel theoretical and experimental advances that address key challenges in the area, as well as those which contribute to enhanced understanding of transport-related issues in specific applications. Topics include, but are not limited to:

Deadline for manuscript  
submissions:

**closed (31 October 2018)**

- Developments in theoretical and simulation-based modelling of transport in nanopores and nanoporous materials
- Relation between multiscale structure and transport properties of hierarchical porous materials
- Transport in membranes, including composite mixed matrix membranes
- Modelling and simulation of transport in electrochemical supercapacitors and batteries
- Simulation and characterisation of nanoporous material structure and its influence on transport
- Modelling of reaction-diffusion processes in porous materials and catalysts





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## Message from the Editor-in-Chief

*Processes* (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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