Microporous and Mesoporous Materials covers novel and significant aspects of porous solids classified as either microporous (pore size up to 2 nm) or mesoporous (pore size 2 to 50 nm). The porosity should have a specific impact on the material properties or application. Typical examples are zeolites and zeolite-like materials, pillared materials, clathrasils and clathrates, carbon molecular sieves, ordered mesoporous materials, organic/inorganic porous hybrid materials, or porous metal oxides. Both natural and synthetic porous materials are within the scope of the journal.

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- Catalysis by microporous and mesoporous materials
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- Theoretical chemistry and modelling of host/guest interactions
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- the **modification** of microporous and mesoporous solids, for example by ion exchange or solid-state reactions
- all topics related to **diffusion of mobile species in the pores of microporous and mesoporous materials**
- adsorption (and other separation techniques) using **microporous or mesoporous adsorbents**
- catalysis by **microporous and mesoporous materials**
- **host/guest interactions**
- **theoretical chemistry** and **modelling of host/guest interactions**
- all topics related to the **application of microporous and mesoporous materials** in industrial catalysis, separation technology, environmental protection, electrochemistry, membranes, sensors, optical devices, etc.

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