DESCRIPTION

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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- 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*
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