



MICROPOROUS AND MESOPOROUS MATERIALS

The Official Journal of the [International Zeolite Association](#)

AUTHOR INFORMATION PACK

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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.

Topics which are particularly of interest include:

All aspects of natural microporous and mesoporous solids
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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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INTRODUCTION

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, metal-organic frameworks, organic/inorganic porous hybrid materials, porous polymers, or porous metal oxides**. Textural porosity and the generation of activated carbons by means of conventional methods are not within scope. However, both **natural and synthetic porous materials** are within the scope of the journal. Cover letters should describe how your submitted work scientifically advances the understanding of porosity and/or porous materials.

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[3] G.R. Mettam, L.B. Adams, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age, E-Publishing, Inc.* New York, 2009, pp. 281–304.

Reference to a website:

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Reference to a dataset:

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