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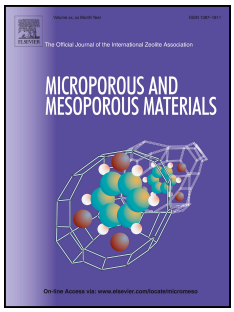

Synthetic porous materials applied in hydrogenation reactions

Juan Su, Jie-Sheng Chen

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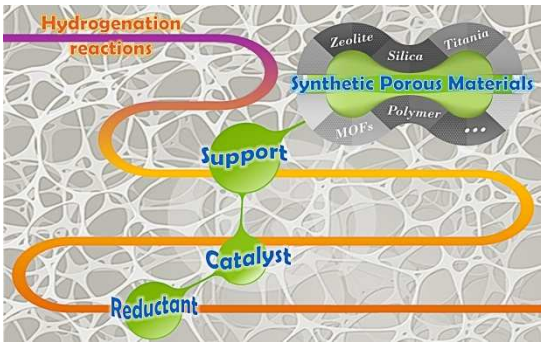

This review focuses on several representative synthetic porous materials widely applied in hydrogenation reactions. We specially highlight their synthesis, design of structure, and surface properties which are closely related to their functions (support, catalyst, or reductant) in hydrogenation reactions.