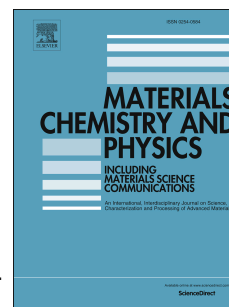


# Accepted Manuscript

Synthesis and comparison of the activities of a catalyst supported on two silicate materials

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**Highlights**

- Immobilization of  $[\text{W}(\text{CO})_3\text{I}_2(\text{NCCH}_3)_2]$  complex onto mesoporous supports.
- Synthesis and characterization of new mesoporous catalysts.
- The new catalysts exhibit great catalytic activity in the epoxidation of 1-octene.
- Recyclable catalysts with excellent reusability and stability.

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