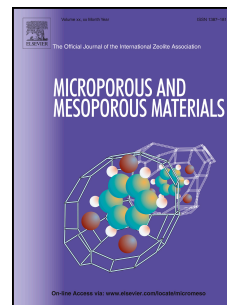


# Accepted Manuscript

Facile synthesis and its high catalytic performance of hierarchical ZSM-5 zeolite from economical bulk silicon oxides

Yueyang Liu, Ming Zhao, Linjuan Cheng, Jianhua Yang, Liping Liu, Jinqu Wang, Dehong Yin, Jinming Lu, Yan Zhang



PII: S1387-1811(17)30484-5

DOI: [10.1016/j.micromeso.2017.07.012](https://doi.org/10.1016/j.micromeso.2017.07.012)

Reference: MICMAT 8441

To appear in: *Microporous and Mesoporous Materials*

Received Date: 6 March 2017

Revised Date: 21 June 2017

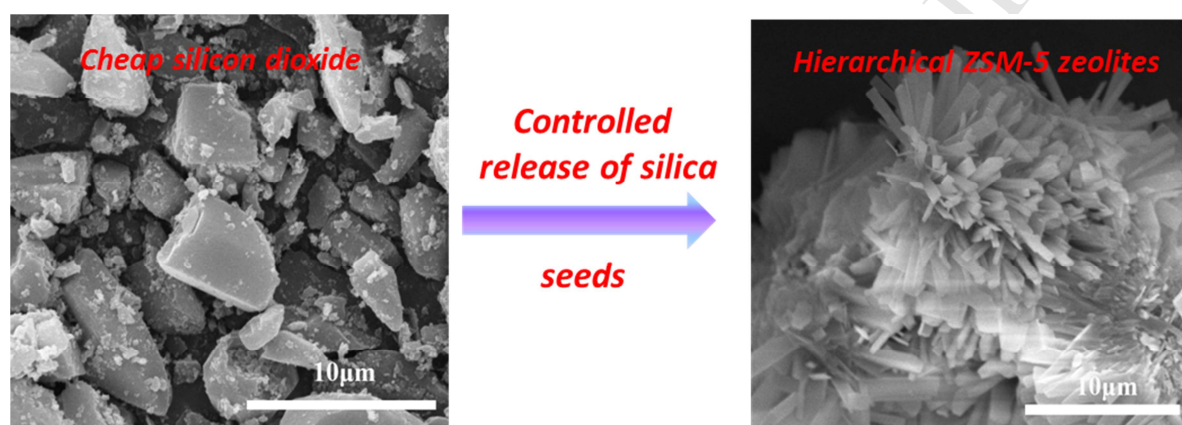
Accepted Date: 7 July 2017

Please cite this article as: Y. Liu, M. Zhao, L. Cheng, J. Yang, L. Liu, J. Wang, D. Yin, J. Lu, Y. Zhang, Facile synthesis and its high catalytic performance of hierarchical ZSM-5 zeolite from economical bulk silicon oxides, *Microporous and Mesoporous Materials* (2017), doi: 10.1016/j.micromeso.2017.07.012.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Graphic abstract

A facile economical method through controlled nucleation and release of reactive nutrient species was developed for the synthesis of hierarchical ZSM-5 zeolites exhibiting high catalytic performance in methane dehydroaromatization.



Download English Version:

<https://daneshyari.com/en/article/6532380>

Download Persian Version:

<https://daneshyari.com/article/6532380>

[Daneshyari.com](https://daneshyari.com)