

Accepted Manuscript

Title: On the synthesis of a hierarchically-structured ZSM-5 zeolite and the effect of its physicochemical properties with Cu impregnation on cold-start hydrocarbon trap performance

Authors: Heejoong Kim, Eunhee Jang, Yanghwan Jeong, Jinseong Kim, Chun Yong Kang, Chang Hwan Kim, Hionsuck Baik, Kwan-Young Lee, Jungkyu Choi



PII: S0920-5861(18)30059-2
DOI: <https://doi.org/10.1016/j.cattod.2018.02.008>
Reference: CATTOD 11233

To appear in: *Catalysis Today*

Received date: 15-10-2017
Revised date: 17-1-2018
Accepted date: 2-2-2018

Please cite this article as: Heejoong Kim, Eunhee Jang, Yanghwan Jeong, Jinseong Kim, Chun Yong Kang, Chang Hwan Kim, Hionsuck Baik, Kwan-Young Lee, Jungkyu Choi, On the synthesis of a hierarchically-structured ZSM-5 zeolite and the effect of its physicochemical properties with Cu impregnation on cold-start hydrocarbon trap performance, *Catalysis Today* <https://doi.org/10.1016/j.cattod.2018.02.008>

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.

**On the synthesis of a hierarchically-structured ZSM-5 zeolite
and the effect of its physicochemical properties with
Cu impregnation on cold-start hydrocarbon trap performance**

Heejoong Kim,^{a,†} Eunhee Jang,^{a,†} Yanghwan Jeong,^a Jinseong Kim,^a

Chun Yong Kang,^b Chang Hwan Kim,^b Hionsuck Baik,^c Kwan-Young Lee,^a and Jungkyu Choi^{a,*}

^a Department of Chemical & Biological Engineering, Korea University, Seoul 02841, Republic of Korea

^b Advanced Catalysts and Emission-Control Research Lab, Research and Development Division, Hyundai Motor Group, Hwaseong-si, Gyeonggi-do 18280, Republic of Korea

^c Seoul Center, Korea Basic Science Institute, Seoul 02841, Republic of Korea

[†]These two authors equally contributed to this work.

* Corresponding author: Jungkyu Choi

E-mail address: jungkyu_choi@korea.ac.kr, Tel: +82-2-3290-4854, and Fax: +82-2-926-6102

Download English Version:

<https://daneshyari.com/en/article/6504089>

Download Persian Version:

<https://daneshyari.com/article/6504089>

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