

Accepted Manuscript

A Facile Ethanol Fuel Synthesis from Dimethyl Ether and Syngas over Tandem Combination of Cu-doped HZSM35 with Cu-Zn-Al catalyst

Qinhong Wei, Guohui Yang, Xinhua Gao, Li Tan, Peipei Ai, Peipei Zhang, Peng Lu, Yoshiharu Yoneyama, Noritatsu Tsubaki

PII: S1385-8947(17)30178-X

DOI: <http://dx.doi.org/10.1016/j.cej.2017.02.019>

Reference: CEJ 16458

To appear in: *Chemical Engineering Journal*

Received Date: 17 October 2016

Revised Date: 2 February 2017

Accepted Date: 4 February 2017



Please cite this article as: Q. Wei, G. Yang, X. Gao, L. Tan, P. Ai, P. Zhang, P. Lu, Y. Yoneyama, N. Tsubaki, A Facile Ethanol Fuel Synthesis from Dimethyl Ether and Syngas over Tandem Combination of Cu-doped HZSM35 with Cu-Zn-Al catalyst, *Chemical Engineering Journal* (2017), doi: <http://dx.doi.org/10.1016/j.cej.2017.02.019>

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.

A Facile Ethanol Fuel Synthesis from Dimethyl Ether and Syngas over Tandem Combination of Cu-doped HZSM35 with Cu-Zn-Al catalyst

Qinhong Wei^a, Guohui Yang^{a,b,*}, Xinhua Gao^b, Li Tan^b, Peipei Ai^b, Peipei Zhang^b,
Peng Lu^d, Yoshiharu Yoneyama^b, Noritatsu Tsubaki^{b,c,*}

^a*State Key Laboratory of Coal Conversion, Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan 030001, PR China*

^b*Department of Applied Chemistry, School of Engineering, University of Toyama, Gofuku 3190, Toyama 930-8555, Japan*

^c*Japan Science and Technology Agency (JST), ACT-C, 4-1-8 Honcho, Kawaguchi, Saitama 332-0012, Japan*

^d*Zhejiang Provincial Key Lab for Chem. & Bio. Processing Technology of Farm Product, School of Biological and Chemical Engineering, Zhejiang University of Science and Technology, Hangzhou, 310023, PR China*

*Corresponding authors.

E-mail addresses: tsubaki@eng.u-toyama.ac.jp (N. Tsubaki),

thomas@eng.u-toyama.ac.jp (G. Yang).

Download English Version:

<https://daneshyari.com/en/article/4763381>

Download Persian Version:

<https://daneshyari.com/article/4763381>

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