

Accepted Manuscript

Title: Steam reforming of acetic acid over nickel-based catalysts: The intrinsic effects of nickel precursors on behaviors of nickel catalysts

Authors: Zhenjie Yu, Xun Hu, Peng Jia, Zhanming Zhang, Dehua Dong, Guangzhi Hu, Song Hu, Yi Wang, Jun Xiang



PII: S0926-3373(18)30546-0
DOI: <https://doi.org/10.1016/j.apcatb.2018.06.020>
Reference: APCATB 16768

To appear in: *Applied Catalysis B: Environmental*

Received date: 25-1-2018
Revised date: 30-5-2018
Accepted date: 6-6-2018

Please cite this article as: Yu Z, Hu X, Jia P, Zhang Z, Dong D, Hu G, Hu S, Wang Y, Xiang J, Steam reforming of acetic acid over nickel-based catalysts: The intrinsic effects of nickel precursors on behaviors of nickel catalysts, *Applied Catalysis B: Environmental* (2018), <https://doi.org/10.1016/j.apcatb.2018.06.020>

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.

Steam reforming of acetic acid over nickel-based catalysts: The intrinsic effects of nickel precursors on behaviors of nickel catalysts

Zhenjie Yu^a, Xun Hu^{a,*}, Peng Jia^a, Zhanming Zhang^a, Dehua Dong^a, Guangzhi Hu^b,
Song Hu^c, Yi Wang^c, Jun Xiang^{c,*}

^aSchool of Materials Science and Engineering, University of Jinan, Jinan 250022, China.

^bKey Laboratory of Chemistry of Plant Resources in Arid Regions, State Key Laboratory Basis of Xinjiang Indigenous Medicinal Plants Resource Utilization, Xinjiang Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Urumqi 830011, China.

^cSchool of Energy and Power Engineering, Huazhong University of Science and Technology, Wuhan, 430074, P. R. China.

*Corresponding author. Tel. /fax: +86–531–89736201; E-mail:

Xun.Hu@outlook.com; xiangjun@hust.edu.cn

Graphical Abstract

Download English Version:

<https://daneshyari.com/en/article/6498179>

Download Persian Version:

<https://daneshyari.com/article/6498179>

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