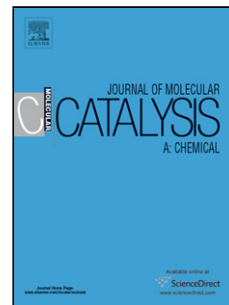


Accepted Manuscript

Title: NH_3 -SCR reaction mechanisms of $\text{NbO}_x/\text{Ce}_{0.75}\text{Zr}_{0.25}\text{O}_2$
catalyst: DRIFTS and kinetics studies

Author: Ziran Ma Xiaodong Wu Hanna Härelind Duan Weng
Baodong Wang Zhichun Si



PII: S1381-1169(16)30245-X
DOI: <http://dx.doi.org/doi:10.1016/j.molcata.2016.06.023>
Reference: MOLCAA 9929

To appear in: *Journal of Molecular Catalysis A: Chemical*

Received date: 4-5-2016
Revised date: 23-6-2016
Accepted date: 24-6-2016

Please cite this article as: Ziran Ma, Xiaodong Wu, Hanna Härelind, Duan Weng, Baodong Wang, Zhichun Si, NH_3 -SCR reaction mechanisms of $\text{NbO}_x/\text{Ce}_{0.75}\text{Zr}_{0.25}\text{O}_2$ catalyst: DRIFTS and kinetics studies, *Journal of Molecular Catalysis A: Chemical* <http://dx.doi.org/10.1016/j.molcata.2016.06.023>

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.

NH₃-SCR reaction mechanisms of NbO_x/Ce_{0.75}Zr_{0.25}O₂ catalyst: DRIFTS and kinetics studies

Ziran Ma^{a,b,1}, Xiaodong Wu^{a,*,1}, Hanna Härelind^c, Duan Weng^{a,d}, Baodong Wang^{b,*},
Zhichun Si^d

^a *The Key Laboratory of Advanced Materials of Ministry of Education, School of Materials Science and Engineering, Tsinghua University, Beijing 100084, China*

^b *National Institute of Clean-and-Low-Carbon Energy (NICE), Beijing 102209, China*

^c *Competence Centre for Catalysis, Dept. of Chemistry and Chemical Engineering, Chalmers University of Technology, SE-412 96 Göteborg, Sweden*

^d *Advanced Materials Institute, Graduate School at Shenzhen, Tsinghua University, Shenzhen 518055, China*

* Corresponding author. Tel.: +86 10 62792375

E-mail address: wuxiaodong@tsinghua.edu.cn (X. Wu), wangbaodong@nicenergy.com (B. Wang)

¹ These two authors contributed equally to this work.

Download English Version:

<https://daneshyari.com/en/article/64537>

Download Persian Version:

<https://daneshyari.com/article/64537>

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