

## Accepted Manuscript

Title: Complete oxidation of formaldehyde at room temperature over an Al-rich Beta zeolite supported platinum catalyst

Authors: Ling Zhang, Long Chen, Yaobin Li, Yuexin Peng, Fang Chen, Liang Wang, Changbin Zhang, Xiangju Meng, Hong He, Feng-Shou Xiao



PII: S0926-3373(17)30655-0  
DOI: <http://dx.doi.org/doi:10.1016/j.apcatb.2017.07.015>  
Reference: APCATB 15847

To appear in: *Applied Catalysis B: Environmental*

Received date: 17-1-2017  
Revised date: 4-7-2017  
Accepted date: 7-7-2017

Please cite this article as: Ling Zhang, Long Chen, Yaobin Li, Yuexin Peng, Fang Chen, Liang Wang, Changbin Zhang, Xiangju Meng, Hong He, Feng-Shou Xiao, Complete oxidation of formaldehyde at room temperature over an Al-rich Beta zeolite supported platinum catalyst, *Applied Catalysis B, Environmental* <http://dx.doi.org/10.1016/j.apcatb.2017.07.015>

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.

**Complete oxidation of formaldehyde at room temperature over an  
Al-rich Beta zeolite supported platinum catalyst**

Ling Zhang,<sup>1</sup> Long Chen,<sup>2</sup> Yaobin Li,<sup>3</sup> Yuexin Peng,<sup>1</sup> Fang Chen,<sup>1</sup> Liang Wang,<sup>1</sup>  
Changbin Zhang,<sup>3</sup> Xiangju Meng,<sup>1\*</sup> Hong He,<sup>3</sup> and Feng-Shou Xiao<sup>1\*</sup>

<sup>1</sup> Key Lab of Applied Chemistry of Zhejiang Province, Department of Chemistry,  
Zhejiang University, Hangzhou, 310007, P. R. China.

<sup>2</sup> Faculty of Chemistry Biology and Materials Science, East China Institute of  
Technology, Fuzhou 344000, P. R. China.

<sup>3</sup> Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences,  
Shuangqing Road 18, Beijing, 100085, P. R. China.

\*Corresponding author.

E-mail: mengxj@zju.edu.cn; fsxiao@zju.edu.cn

Download English Version:

<https://daneshyari.com/en/article/4755970>

Download Persian Version:

<https://daneshyari.com/article/4755970>

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