

Accepted Manuscript

Title: Transfer hydrogenation of nitroarenes to arylamines
catalysed by an oxygen-implanted MoS₂ catalyst

Author: Chaofeng Zhang Zhixin Zhang Xu Wang Mingrun Li
Jianmin Lu Rui Si Feng Wang



PII: S0926-860X(16)30363-5
DOI: <http://dx.doi.org/doi:10.1016/j.apcata.2016.07.008>
Reference: APCATA 15945

To appear in: *Applied Catalysis A: General*

Received date: 22-4-2016
Revised date: 28-6-2016
Accepted date: 14-7-2016

Please cite this article as: Chaofeng Zhang, Zhixin Zhang, Xu Wang, Mingrun Li, Jianmin Lu, Rui Si, Feng Wang, Transfer hydrogenation of nitroarenes to arylamines catalysed by an oxygen-implanted MoS₂ catalyst, *Applied Catalysis A, General* <http://dx.doi.org/10.1016/j.apcata.2016.07.008>

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.

Transfer hydrogenation of nitroarenes to arylamines catalysed by an oxygen-implanted MoS₂ catalyst

Chaofeng Zhang,^{a, b} Zhixin Zhang,^a Xu Wang,^c Mingrun Li,^a Jianmin Lu^a, Rui Si,^c and Feng Wang^{a*}

^a State Key Laboratory of Catalysis, Dalian National Laboratory for Clean Energy, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian 116023, Liaoning, China

^b Graduate University of Chinese Academy of Sciences, Beijing 100049, China

^c Shanghai Synchrotron Radiation Facility, Shanghai Institute of Applied Physics, Chinese Academy of Sciences, Shanghai 201204, China

*Corresponding author.

Tel: +86-411-84379762; Fax: +86-411-84379762; E-mail: wangfeng@dicp.ac.cn

Download English Version:

<https://daneshyari.com/en/article/38678>

Download Persian Version:

<https://daneshyari.com/article/38678>

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