## Accepted Manuscript

Title: Defect-induced efficient dry reforming of methane over two-dimensional Ni/h-boron nitride nanosheet catalysts

Authors: Yang Cao, Phornphimon Maitarad, Min Gao, Tetsuya Taketsugu, Hongrui Li, Tingting Yan, Liyi Shi, Dengsong Zhanga



PII:	S0926-3373(18)30609-X
DOI:	https://doi.org/10.1016/j.apcatb.2018.07.001
Reference:	APCATB 16823
To appear in:	Applied Catalysis B: Environmental
Received date:	24-2-2018
Revised date:	10-5-2018
Accepted date:	1-7-2018

Please cite this article as: Cao Y, Maitarad P, Gao M, Taketsugu T, Li H, Yan T, Shi L, Zhanga D, Defect-induced efficient dry reforming of methane over two-dimensional Ni/h-boron nitride nanosheet catalysts, *Applied Catalysis B: Environmental* (2018), https://doi.org/10.1016/j.apcatb.2018.07.001

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.

## ACCEPTED MANUSCRIPT

## Defect-induced efficient dry reforming of methane over two-dimensional Ni/hboron nitride nanosheet catalysts

Yang Cao,<sup>a</sup> Phornphimon Maitarad,<sup>a</sup> Min Gao, \*<sup>b,c</sup> Tetsuya Taketsugu,<sup>b,c</sup> Hongrui Li,<sup>a</sup> Tingting Yan,<sup>a</sup> Liyi Shi,<sup>a</sup> and Dengsong Zhang\*<sup>a</sup>.

<sup>a</sup>Department of Chemistry, Research Center of Nano Science and Technology, Shanghai University, Shanghai 200444, China.

<sup>b</sup>Department of Chemistry, Faculty of Science, Hokkaido University, Sapporo 060-0810, Japan.

<sup>c</sup>Elements Strategy Initiative for Catalysts and Batteries, Kyoto University, Kyoto 615-8245, Japan.

\*Corresponding author: Tel: +86-21-66137152; E-mail: dszhang@shu.edu.cn. Tel: +81-11-7063821; E-mail: gaomin@sci.hokudai.ac.jp.

Graphical abstract

Download English Version:

## https://daneshyari.com/en/article/6498027

Download Persian Version:

https://daneshyari.com/article/6498027

Daneshyari.com