Accepted Manuscript

Title: Novel Three-dimensionally Ordered Macroporous SrTiO₃ Photocatalysts with Remarkably Enhanced Hydrogen Production Performance

Author: Kai Yu Chenxi Zhang Yue Chang Yajun Feng Zequn Yang Ting Yang Lan-Lan Lou Shuangxi Liub



PII:	\$0926-3373(16)30591-4
DOI:	http://dx.doi.org/doi:10.1016/j.apcatb.2016.07.049
Reference:	APCATB 14947
To appear in:	Applied Catalysis B: Environmental
Received date:	1-5-2016
Revised date:	17-6-2016
Accepted date:	27-7-2016

Please cite this article as: Kai Yu, Chenxi Zhang, Yue Chang, Yajun Feng, Zequn Yang, Ting Yang, Lan-Lan Lou, Shuangxi Liub, Novel Threedimensionally Ordered Macroporous SrTiO3 Photocatalysts with Remarkably Enhanced Hydrogen Production Performance, Applied Catalysis B, Environmental http://dx.doi.org/10.1016/j.apcatb.2016.07.049

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

Novel Three-dimensionally Ordered Macroporous SrTiO₃ Photocatalysts with Remarkably Enhanced Hydrogen Production Performance

Authored by

Kai Yu^{a,b*}, Chenxi Zhang^{b,c}, Yue Chang^{b,c}, Yajun Feng^a, Zequn Yang^a, Ting Yang^{b,c}, Lan-Lan Lou^{b,c}, and Shuangxi Liu^{b,c,d**}

^a MOE Key Laboratory of Pollution Processes and Environmental Criteria, College of Environmental Science and Engineering, Nankai University, Tianjin 300350, People's Republic of China

^b Institute of New Catalytic Materials Science, School of Materials Science and Engineering, Nankai University, Tianjin 300350, People's Republic of China

^c National Institute of Advanced Materials, Nankai University, Tianjin 300350, People's Republic of China

^d Collaborative Innovation Center of Chemical Science and Engineering (Tianjin), Tianjin 300072, People's Republic of China

* Corresponding author: Tel: +86-22-85358635; E-mail: kaiyu@nankai.edu.cn
** Corresponding author: Tel/Fax: +86-22-23509005; E-mail: sxliu@nankai.edu.cn

Download English Version:

https://daneshyari.com/en/article/6499032

Download Persian Version:

https://daneshyari.com/article/6499032

Daneshyari.com