Accepted Manuscript

Article

Enhancing photocatalytic performance by constructing ultrafine TiO_2 nanorods/ $g-C_3N_4$ nanosheets heterojunction for water treatment

Shiliang Luan, Dan Qu, Li An, Wenshuai Jiang, Xiang Gao, Shixin Hua, Xiang Miao, Yuanjing Wen, Zaicheng Sun

PII: S2095-9273(18)30157-9

DOI: https://doi.org/10.1016/j.scib.2018.04.002

Reference: SCIB 370

To appear in: Science Bulletin

Received Date: 11 February 2018
Revised Date: 22 March 2018
Accepted Date: 2 April 2018



Please cite this article as: S. Luan, D. Qu, L. An, W. Jiang, X. Gao, S. Hua, X. Miao, Y. Wen, Z. Sun, Enhancing photocatalytic performance by constructing ultrafine TiO₂ nanorods/g-C₃N₄ nanosheets heterojunction for water treatment, *Science Bulletin* (2018), doi: https://doi.org/10.1016/j.scib.2018.04.002

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

Enhancing photocatalytic performance by constructing ultrafine $TiO_2\ nanorods/g-C_3N_4\ nanosheets\ heterojunction\ for\ water\ treatment$

Shiliang Luan^a, Dan Qu^{a,*}, Li An^a, Wenshuai Jiang^a, Xiang Gao^{b,c}, Shixin Hua^a, Xiang Miao^{b,c}, Yuanjing Wen^a, Zaicheng Sun^{a,*}

^aBeijing Key Laboratory for Green Catalysis and Separation, Department of Chemistry and Chemical Engineering, School of Environmental and Energy Engineering, Beijing University of Technology, Beijing 100124, China

^bState Key Laboratory of Luminescence and Applications, Changchun Institute of Optics, Fine Mechanics and Physics, Chinese Academy of Sciences, Changchun 130033, China

^cUniversity of Chinese Academy of Sciences, Beijing 100049, China.

*Corresponding authors.

Graphical abstract

Download English Version:

https://daneshyari.com/en/article/8917241

Download Persian Version:

https://daneshyari.com/article/8917241

Daneshyari.com