Accepted Manuscript

Title: One-pot synthesis of sulfur and nitrogen codoped titanium dioxide nanorod arrays for superior photoelectrochemical water oxidation

Authors: Dinsefa M. Andoshe, Kanghoon Yim, Woonbae Sohn, Changyeon Kim, Taemin Ludvic Kim, Ki Chang Kwon, Kootak Hong, Seokhoon Choi, Cheon Woo Moon, Seung-Pyo Hong, Seungwu Han, Ho Won Jang

PII: S0926-3373(18)30374-6

DOI: https://doi.org/10.1016/j.apcatb.2018.04.045

Reference: APCATB 16616

To appear in: Applied Catalysis B: Environmental

Received date: 16-10-2017 Revised date: 5-2-2018 Accepted date: 18-4-2018

Please cite this article as: Andoshe DM, Yim K, Sohn W, Kim C, Kim TL, Kwon KC, Hong K, Choi S, Moon CW, Hong S-Pyo, Han S, Jang HW, One-pot synthesis of sulfur and nitrogen codoped titanium dioxide nanorod arrays for superior photoelectrochemical water oxidation, *Applied Catalysis B: Environmental* (2010), https://doi.org/10.1016/j.apcatb.2018.04.045

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

One-pot synthesis of sulfur and nitrogen codoped titanium dioxide nanorod arrays for superior photoelectrochemical water oxidation

Dinsefa M. Andoshe^{t, a,b}, Kanghoon Yim^{t, a}, Woonbae Sohn^{t, a,c}, Changyeon Kim^a, Taemin Ludvic Kim^a, Ki Chang Kwon^a, Kootak Hong^a, Seokhoon Choi^a, Cheon Woo Moon^a, Seung-Pyo Hong^a, Seungwu Han^{a,*}, Ho Won Jang ^{a,*}

^a Department of Materials Science and Engineering, Research Institute of Advanced Materials, Seoul National University, Seoul 08826, Republic of Korea.

^b Materials Science and Engineering, Adama Science and Technology University, Adama, Ethiopia.

^c Energy & Environmental Division, Korea Institute of Ceramic Engineering & Technology (KICET), Jinju, Gyeongnam 52851, Republic of Korea.

*Corresponding authors

E-mail address: hansw@snu.ac.kr
E-mail address: hwjang@snu.ac.kr

[†]These authors contributed equally to this work

Download English Version:

https://daneshyari.com/en/article/6498302

Download Persian Version:

https://daneshyari.com/article/6498302

<u>Daneshyari.com</u>