Title: Sodium hexatitanate photocatalysts prepared by a flux method for reduction of carbon dioxide with water

Authors: Hisao Yoshida, Masumi Sato, Naoto Fukuo, Like Zhang, Tomoko Yoshida, Yuta Yamamoto, Takeshi Morikawa, Tsutomu Kajino, Mitsuru Sakano, Takeshi Sekito, Shinichi Matsumoto, Hirohito Hirata

PII: S0920-5861(17)30636-3
DOI: http://dx.doi.org/10.1016/j.cattod.2017.09.029
Reference: CATTOD 11034

To appear in: *Catalysis Today*

Received date: 30-5-2017
Revised date: 19-8-2017
Accepted date: 15-9-2017

Please cite this article as: Hisao Yoshida, Masumi Sato, Naoto Fukuo, Like Zhang, Tomoko Yoshida, Yuta Yamamoto, Takeshi Morikawa, Tsutomu Kajino, Mitsuru Sakano, Takeshi Sekito, Shinichi Matsumoto, Hirohito Hirata, Sodium hexatitanate photocatalysts prepared by a flux method for reduction of carbon dioxide with water, Catalysis Todayhttp://dx.doi.org/10.1016/j.cattod.2017.09.029

Sodium hexatitanate photocatalysts prepared by a flux method for reduction of carbon dioxide with water

Hisao Yoshida,[a,b,c,*] Masumi Sato,[a] Naoto Fukuo,[a] Like Zhang,[c] Tomoko Yoshida,[d,e] Yuta Yamamoto,[e] Takeshi Morikawa,[f] Tsutomu Kajino,[f] Mitsuru Sakano,[g] Takeshi Sekito,[g] Shinichi Matsumoto[g] and Hirohito Hirata[g]

[a] Graduate School of Human and Environmental Studies, Kyoto University, Kyoto 606-8501, Japan

[b] Elements Strategy Initiative for Catalysts and Batteries (ESICB), Kyoto University, Kyoto 615-8520, Japan

[c] Graduate School of Engineering, Nagoya University, Nagoya 464-8603, Japan

[d] Advanced Research Institute for Natural Science and Technology, Osaka City University, Osaka 558-8585, Japan.

[e] EcoTopia Science Institute, Nagoya University, Nagoya 464-8603, Japan

[f] Toyota Central R&D Labs., Inc., Nagakute, Aichi 480-1192, Japan

[g] Toyota Motor Corporation, Toyota 471-8572, Japan

* To whom correspondence should be addressed. E-mail: yoshida.hisao.2a@kyoto-u.ac.jp

*Corresponding author:

Hisao Yoshida, Professor, Dr.

Course of Studies on Material Science

Department of Interdisciplinary Environment

Graduate School of Human and Environmental Studies

Kyoto University

Yoshida-nihonmatsu-cho, Sakyo-ku, Kyoto 606-8501, JAPAN

Phone: +81-75-753-6594

FAX: +81-75-753-2988

E-mail: yoshida.hisao.2a@kyoto-u.ac.jp