## Accepted Manuscript

Title: Conformal Coating of Ultrathin Metal-Organic Framework on Semiconductor Electrode for Boosted Photoelectrochemical Water Oxidation

Authors: Yu-Jie Dong, Jin-Feng Liao, Zi-Cheng Kong, Yang-Fan Xu, Ze-Jie Chen, Hong-Yan Chen, Dai-Bin Kuang, Dieter Fenske, Cheng-Yong Su

PII: S0926-3373(18)30489-2

DOI: https://doi.org/10.1016/j.apcatb.2018.05.059

Reference: APCATB 16713

To appear in: Applied Catalysis B: Environmental

Received date: 11-3-2018 Revised date: 18-5-2018 Accepted date: 19-5-2018

Please cite this article as: Dong Y-Jie, Liao J-Feng, Kong Z-Cheng, Xu Y-Fan, Chen Z-Jie, Chen H-Yan, Kuang D-Bin, Fenske D, Su C-Yong, Conformal Coating of Ultrathin Metal-Organic Framework on Semiconductor Electrode for Boosted Photoelectrochemical Water Oxidation, *Applied Catalysis B: Environmental* (2018), https://doi.org/10.1016/j.apcatb.2018.05.059

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

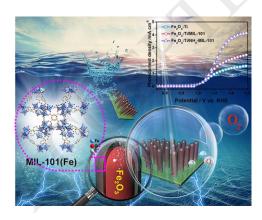
# Conformal Coating of Ultrathin Metal-Organic Framework on Semiconductor Electrode for Boosted Photoelectrochemical Water Oxidation

Yu-Jie Dong, Jin-Feng Liao, Zi-Cheng Kong, Yang-Fan Xu, Ze-Jie Chen, Hong-Yan Chen\*, Dai-Bin Kuang, Dieter Fenske, Cheng-Yong Su\*

MOE Key Laboratory of Bioinorganic and Synthetic Chemistry, Lehn Institute of Functional Materials, School of Chemistry, Sun Yat-sen University, Guangzhou 510275, P R China \*Corresponding authors. Tel: +86 20 84114399; Fax: +86 20 84113015.

E-mail address: chenhy33@mail.sysu.edu.cn; <a href="mailto:cesscy@mail.sysu.edu.cn">cesscy@mail.sysu.edu.cn</a>.

#### **Graphical abstract**



#### Download English Version:

## https://daneshyari.com/en/article/6498065

Download Persian Version:

https://daneshyari.com/article/6498065

<u>Daneshyari.com</u>