Accepted Manuscript

Full Length Article

Ethylenediamine-functionalized CdS/tetra(4-carboxyphenyl)porphyrin iron(III) chloride hybrid system for enhanced CO₂ photoreduction

Pan Li, Chunchao Hou, Xuehua Zhang, Yong Chen, Tao He

PII: S0169-4332(18)32121-4

DOI: https://doi.org/10.1016/j.apsusc.2018.08.002

Reference: APSUSC 40039

To appear in: Applied Surface Science

Received Date: 10 June 2018 Revised Date: 19 July 2018 Accepted Date: 1 August 2018



Please cite this article as: P. Li, C. Hou, X. Zhang, Y. Chen, T. He, Ethylenediamine-functionalized CdS/tetra(4-carboxyphenyl)porphyrin iron(III) chloride hybrid system for enhanced CO₂ photoreduction, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc.2018.08.002

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

Ethylenediamine-functionalized CdS/tetra(4-carboxyphenyl)porphyrin iron(III) chloride hybrid system for enhanced CO₂ photoreduction

Pan Li, a,c Chunchao Hou, Xuehua Zhang, a,c,* Yong Chen, b,c,* Tao Hea,c,*

"CAS Key Laboratory of Nanosystem and Hierarchical Fabrication, CAS Center for Excellence in Nanoscience, National Center for Nanoscience and Technology, Beijing 100190, China.

^bKey Laboratory of Photochemical Conversion and Optoelectronic Materials, Technical Institute of Physics and Chemistry, Chinese Academy of Sciences, Beijing 100190, China.

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

* Corresponding author. Tel.: +86 10 8254 5655; Fax: +86 10 6265 6765.

 $\hbox{*E-mail address: $het@nanoctr.cn (T. He), $zhangxh@nanoctr.cn (X.H. Zhang),}\\$

chenyong@mail.ipc.ac.cn (Y. Chen)

Download English Version:

https://daneshyari.com/en/article/7832806

Download Persian Version:

https://daneshyari.com/article/7832806

<u>Daneshyari.com</u>