Accepted Manuscript

Glutathione-protected Gold Nanocluster Decorated Cadmium Sulfide with Enhanced Photostability and Photocatalytic Activity

Shan Ling, Xiaofeng Cui, Xiaona Zhang, Bing Liu, Chengdong He, Junwei Wang, Wei Qin, Yuanguang Zhang, Yingchun Gao, Guoliang Bai

PII: S0021-9797(18)30702-1

DOI: https://doi.org/10.1016/j.jcis.2018.06.055

Reference: YJCIS 23746

To appear in: Journal of Colloid and Interface Science

Received Date: 19 February 2018 Revised Date: 20 June 2018 Accepted Date: 21 June 2018



Please cite this article as: S. Ling, X. Cui, X. Zhang, B. Liu, C. He, J. Wang, W. Qin, Y. Zhang, Y. Gao, G. Bai, Glutathione-protected Gold Nanocluster Decorated Cadmium Sulfide with Enhanced Photostability and Photocatalytic Activity, *Journal of Colloid and Interface Science* (2018), doi: https://doi.org/10.1016/j.jcis. 2018.06.055

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

Glutathione-protected Gold Nanocluster Decorated Cadmium Sulfide with Enhanced Photostability and Photocatalytic Activity

Shan Ling^a, Xiaofeng Cui^a* Xiaona Zhang^a, , Bing Liu^b, Chengdong He^a, Junwei Wang^a*, Wei Qin^a, Yuanguang Zhang^a, Yingchun Gao^a, Guoliang Bai^a

^aAnhui Key Laboratory of Photoelectric-Magnetic Functional Materials, Schoolof Chemistry and Chemical Engineering, Anqing Normal University, Anqing, 246011, (China)

^b School of Chemical and Material Engineering, Jiangnan University, Wuxi, China, 214122, R. P. China.

*Corresponding author:Xiaofeng Cui, E-mail: xfcui@aqnu.edu.cn; Junwei Wang, E-mail:wangjunweilotus@163.com

Keywords: Photocatalysis; Gold Nanocluster; Antiphotocorrosion; Heterostructures

Download English Version:

https://daneshyari.com/en/article/6989984

Download Persian Version:

https://daneshyari.com/article/6989984

<u>Daneshyari.com</u>