Accepted Manuscript

Pulsed electrodeposition of CdS on ZnO nanorods for highly sensitive photoelectrochemical sensing of copper (II) ions

Hao Wu, Zhaoke Zheng, Yiming Tang, Nayming Huang, Rose Amal, Hong Ngee Lim, Yun Hau Ng

PII:	S2214-9937(18)30149-0
DOI:	doi:10.1016/j.susmat.2018.e00075
Article Number:	e00075
Reference:	SUSMAT 75
To appear in:	*Sustainable Materials and Technologies*
Received date:	13 July 2018
Revised date:	14 August 2018
Accepted date:	17 August 2018

Please cite this article as: Hao Wu, Zhaoke Zheng, Yiming Tang, Nayming Huang, Rose Amal, Hong Ngee Lim, Yun Hau Ng , Pulsed electrodeposition of CdS on ZnO nanorods for highly sensitive photoelectrochemical sensing of copper (II) ions. Susmat (2018), doi:10.1016/j.susmat.2018.e00075

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

Pulsed Electrodeposition of CdS on ZnO Nanorods for Highly Sensitive Photoelectrochemical Sensing of Copper (II) Ions

Hao Wu [a], Zhaoke Zheng [b], Yiming Tang [c], Nayming Huang [d], Rose Amal [a], Hong Ngee Lim [e], Yun Hau Ng [a,f*]

[a] Particles and Catalysis Research Group, School of Chemical Engineering, The University of New South Wales, Sydney, NSW 2052, Australia

[b] State Key Laboratory of Crystal Materials, Shandong University, Jinan 250100, China

[c] School of Chemistry & Environment, South China Normal University, Guangzhou 510006, China

[d] New Energy Science & Engineering Programme, University of Xiamen Malaysia, 43900 Sepang, Selangor, Malaysia

[e] Department of Chemistry, Faculty of Science, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, Malaysia

[f] School of Energy and Environment, City University of Hong Kong, Kowloon, Hong Kong SAR, P. R. China.

Corresponding author: yh.ng@unsw.edu.au; yunhau.ng@cityu.edu.hk

ACCEPTED MANUSCRIPT

Download English Version:

https://daneshyari.com/en/article/8960628

Download Persian Version:

https://daneshyari.com/article/8960628

Daneshyari.com