

Accepted Manuscript

Title: Size-controlled synthesis of fluorescent tungsten oxide quantum dots via one-pot ethanol-thermal strategy for ferric ions detection and bioimaging

Authors: Yan Zhan, Yingliang Liu, Qingqing Liu, Zhiming Liu, Haiyao Yang, Bingfu Lei, Jianle Zhuang, Chaofan Hu



PII: S0925-4005(17)31465-X
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2017.08.043>
Reference: SNB 22910

To appear in: *Sensors and Actuators B*

Received date: 13-6-2017
Revised date: 31-7-2017
Accepted date: 3-8-2017

Please cite this article as: Yan Zhan, Yingliang Liu, Qingqing Liu, Zhiming Liu, Haiyao Yang, Bingfu Lei, Jianle Zhuang, Chaofan Hu, Size-controlled synthesis of fluorescent tungsten oxide quantum dots via one-pot ethanol-thermal strategy for ferric ions detection and bioimaging, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2017.08.043>

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.

Size-controlled synthesis of fluorescent tungsten oxide quantum dots via one-pot ethanol-thermal strategy for ferric ions detection and bioimaging

Yan Zhan^b, Yingliang Liu^{a*}, Qingqing Liu^c, Zhiming Liu^d, Haiyao Yang^d, Bingfu Lei^a, Jianle Zhuang^a and Chaofan Hu^{a*}

^a College of Materials and Energy, South China Agricultural University, Guangzhou 510642, China

^b College of Mechanics, Taiyuan University of Technology, Taiyuan 030024, China

^c College of Materials Science and Engineering, Taiyuan University of Technology, Taiyuan 030024, China

^d MOE Key Laboratory of Laser Life Science, College of Biophotonics, South China Normal University, Guangzhou 510631, China

* Corresponding author: Yingliang Liu; Chaofan Hu

Fax: +86-020-85282603

E-mail address: tliuyl@scau.edu.cn; thucf@scau.edu.cn

Download English Version:

<https://daneshyari.com/en/article/5008619>

Download Persian Version:

<https://daneshyari.com/article/5008619>

[Daneshyari.com](https://daneshyari.com)