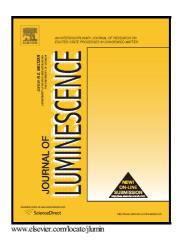
### Author's Accepted Manuscript

Insights into the effect of N-acetyl-L-cysteine-capped CdTe quantum dots on the structure and activity of human serum albumin by spectroscopic techniques

Haoyu Sun, Xudan Yang, Meng Li, Songlin Han, Yingxue Liu, Xuejie Tan, Chunguang Liu, Rutao Liu



PII: S0022-2313(15)00323-3

DOI: http://dx.doi.org/10.1016/j.jlumin.2015.06.005

Reference: LUMIN13400

To appear in: Journal of Luminescence

Received date: 2 February 2015 Revised date: 1 June 2015 Accepted date: 5 June 2015

Cite this article as: Haoyu Sun, Xudan Yang, Meng Li, Songlin Han, Yingxue Liu, Xuejie Tan, Chunguang Liu and Rutao Liu, Insights into the effect of N-acetyl-L-cysteine-capped CdTe quantum dots on the structure and activity of human serum albumin by spectroscopic techniques, *Journal of Luminescence*, http://dx.doi.org/10.1016/j.jlumin.2015.06.005

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 galley proof before it is published in its final citable 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**

# Insights into the effect of N-acetyl-L-cysteine-capped CdTe quantum dots on the structure and activity of human serum albumin by spectroscopic techniques $^{\dagger}$

Haoyu Sun<sup>a</sup>, Xudan Yang<sup>a</sup>, Meng Li<sup>a</sup>, Songlin Han<sup>a</sup>, Yingxue Liu<sup>a</sup>, Xuejie Tan<sup>b</sup>, Chunguang Liu<sup>a,\*</sup>, Rutao Liu<sup>a</sup>

\*All correspondence should be addressed to:

Chunguang Liu

School of Environmental Science and Engineering, Shandong University, Jinan 250100 P.R. China

Phone/Fax: 86-531-88364868

Email: chunguangliu2013@sdu.edu.cn (Liu CG)

#### **Paper Summary**

Characters with spaces: 28,728

Number of figures: 9 Number of tables: 3

<sup>&</sup>lt;sup>a</sup> School of Environmental Science and Engineering, Shandong University, China -America **CRC** for Environment & Health, Shandong Province, 27# Shanda South Road, Jinan 250100, P.R. China

<sup>&</sup>lt;sup>b</sup> School of Chemistry and Pharmaceutical Engineering, Qilu University of Technology, Jinan, Shandong Province, 250353, P.R. China.

#### Download English Version:

## https://daneshyari.com/en/article/5398769

Download Persian Version:

https://daneshyari.com/article/5398769

<u>Daneshyari.com</u>