Accepted Manuscript

Facile synthesis of monodisperse of hollow mesoporous SiO_2 nanoparticles and in-situ growth of Ag nanoparticles for antibacterial

Peng Xu, Juan Liang, Xiaoyong Cao, Jingen Tang, Juan Gao, Liying Wang, Wei Shao, Qinwei Gao, Zhaogang Teng

PII: S0021-9797(16)30223-5

DOI: http://dx.doi.org/10.1016/j.jcis.2016.04.009

Reference: YJCIS 21199

To appear in: Journal of Colloid and Interface Science

Received Date: 28 January 2016 Revised Date: 8 April 2016 Accepted Date: 8 April 2016



Please cite this article as: P. Xu, J. Liang, X. Cao, J. Tang, J. Gao, L. Wang, W. Shao, Q. Gao, Z. Teng, Facile synthesis of monodisperse of hollow mesoporous SiO₂ nanoparticles and in-situ growth of Ag nanoparticles for antibacterial, *Journal of Colloid and Interface Science* (2016), doi: http://dx.doi.org/10.1016/j.jcis.2016.04.009

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.

hollow synthesis of monodisperse of Facile mesoporous SiO₂

nanoparticles and in-situ growth of Ag nanoparticles for antibacterial

Peng Xu^a, Juan Liang^a, Xiaoyong Cao^b, Jingen Tang^c, Juan Gao^c, Liying Wang^c, Wei

Shao^a, Qinwei Gao^a, Zhaogang Teng*, d

^a College of Chemical Engineering, Nanjing Forestry University, Nanjing 210037, China

^b College of Forestry, Nanjing Forestry University, Nanjing 210037, China

^c Nanjing Institute of Supervision & Testing on Product Quality, Nanjing 210028, China

^d Department of Medical Imaging, Jinling Hospital, School of Medicine, Nanjing

University, Nanjing 210002, China

* Corresponding author: Zhaogang Teng

Tel: +86 25 8086 3477

Fax: +86 25 8086 4659

E-mail address: zhaogangteng@163.com

1

Download English Version:

https://daneshyari.com/en/article/6994178

Download Persian Version:

https://daneshyari.com/article/6994178

<u>Daneshyari.com</u>