

Accepted Manuscript

Title: Boosting Catalytic Activity of Metal Nanoparticles for 4-Nitrophenol Reduction: Modification of Metal Naoparticles with Poly(diallyldimethylammonium chloride)

Author: Jyun-Guo You Chandirasekar Shanmugam Yao-Wen Liu Cheng-Ju Yu Wei-Lung Tseng



PII: S0304-3894(16)31010-X
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2016.11.007>
Reference: HAZMAT 18161

To appear in: *Journal of Hazardous Materials*

Received date: 13-9-2016
Revised date: 1-11-2016
Accepted date: 2-11-2016

Please cite this article as: Jyun-Guo You, Chandirasekar Shanmugam, Yao-Wen Liu, Cheng-Ju Yu, Wei-Lung Tseng, Boosting Catalytic Activity of Metal Nanoparticles for 4-Nitrophenol Reduction: Modification of Metal Naoparticles with Poly(diallyldimethylammonium chloride), *Journal of Hazardous Materials* <http://dx.doi.org/10.1016/j.jhazmat.2016.11.007>

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.

Boosting Catalytic Activity of Metal Nanoparticles for 4-Nitrophenol Reduction:

Modification of Metal Nanoparticles with Poly(diallyldimethylammonium

chloride)

Jyun-Guo You^a, Chandirasekar Shanmugam^a, Yao-Wen Liu,^b Cheng-Ju, Yu,^b and Wei-Lung Tseng^{*a,c,d}

^a Department of Chemistry, National Sun Yat-sen University, Taiwan

^b Department of Applied Physics and Chemistry, University of Taipei, Taiwan

^c School of Pharmacy, College of Pharmacy, Kaohsiung Medical University, Taiwan

^d Center for Nanoscience and Nanotechnology, National Sun Yat-sen University,
Taiwan

Correspondence: Dr. Wei-Lung Tseng, Department of Chemistry, National Sun

Yat-sen University, 70, Lien-hai Road, Kaohsiung, Taiwan 804.

E-mail: tsengwl@mail.nsysu.edu.tw

Fax: 011-886-7-3684046.

Download English Version:

<https://daneshyari.com/en/article/4979868>

Download Persian Version:

<https://daneshyari.com/article/4979868>

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