

## Accepted Manuscript

Title: A novel signal amplification system fabricated immunosensor based on Au nanoparticles and mesoporous trimetallic PdPtCu nanospheres for sensitive detection of prostate specific antigen

Authors: Mingdang Li, Ping Wang, Fubin Pei, Haoxuan Yu, Yunhui Dong, Yueyun Li, Qing Liu, Chen Peng

PII: S0925-4005(18)30146-1  
DOI: <https://doi.org/10.1016/j.snb.2018.01.136>  
Reference: SNB 23985

To appear in: *Sensors and Actuators B*

Received date: 25-6-2017

Revised date: 10-1-2018

Accepted date: 15-1-2018

Please cite this article as: Mingdang Li, Ping Wang, Fubin Pei, Haoxuan Yu, Yunhui Dong, Yueyun Li, Qing Liu, Chen Peng, A novel signal amplification system fabricated immunosensor based on Au nanoparticles and mesoporous trimetallic PdPtCu nanospheres for sensitive detection of prostate specific antigen, *Sensors and Actuators B: Chemical* <https://doi.org/10.1016/j.snb.2018.01.136>

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.



**A novel signal amplification system fabricated immunosensor based on Au nanoparticles and mesoporous trimetallic PdPtCu nanospheres for sensitive detection of prostate specific antigen**

Mingdang Li, Ping Wang\*, Fubin Pei, Haoxuan Yu, Yunhui Dong, Yueyun Li, Qing Liu and Chen Peng

School of Chemical Engineering, Shandong University of Technology, 255049, Zibo, P.R. China

\*: Corresponding author:  
Email address: wangping876@163.com  
Fax: +86-533-2781664  
Tel: +86-533-2781225 (Ping Wang)

Download English Version:

<https://daneshyari.com/en/article/7140416>

Download Persian Version:

<https://daneshyari.com/article/7140416>

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