

## Accepted Manuscript

Title: Gold Nanoparticles Stabilized by Poly(4-vinylpyridine) Grafted Cellulose Nanocrystals as Efficient and Recyclable Catalysts

Authors: Zhen Zhang, Gilles Sèbe, Xiaosong Wang, Kam C. Tam



PII: S0144-8617(17)31258-4  
DOI: <https://doi.org/10.1016/j.carbpol.2017.10.094>  
Reference: CARP 12943

To appear in:

Received date: 30-8-2017  
Revised date: 17-10-2017  
Accepted date: 29-10-2017

Please cite this article as: Zhang, Zhen., Sèbe, Gilles., Wang, Xiaosong., & Tam, Kam C., Gold Nanoparticles Stabilized by Poly(4-vinylpyridine) Grafted Cellulose Nanocrystals as Efficient and Recyclable Catalysts. *Carbohydrate Polymers* <https://doi.org/10.1016/j.carbpol.2017.10.094>

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.

**Gold Nanoparticles Stabilized by Poly(4-vinylpyridine) Grafted  
Cellulose Nanocrystals as Efficient and Recyclable Catalysts**

1

2

3

*Zhen Zhang<sup>1,2</sup>, Gilles Sèbe<sup>1,3\*</sup>, Xiaosong Wang<sup>2\*</sup>, Kam C. Tam<sup>4\*</sup>*

4

5

<sup>1</sup>Université Bordeaux, LCPO, UMR 5629, F-33600 Pessac, France

<sup>2</sup>Department of Chemistry, Waterloo Institute for Nanotechnology, University of

Waterloo, Waterloo, Ontario, Canada, N2L 3G1.

<sup>3</sup>CNRS, LCPO, UMR 5629, F-33600 Pessac, France

<sup>4</sup>Department of Chemical Engineering, Waterloo Institute for Nanotechnology,

University of Waterloo, Waterloo, Ontario, Canada, N2L3G1

12

13

14

15

16 Graphical

Download English Version:

<https://daneshyari.com/en/article/7784281>

Download Persian Version:

<https://daneshyari.com/article/7784281>

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