

## Accepted Manuscript

Title: Visual detection of 2,4,6-trinitrotoluene by molecularly imprinted colloidal array photonic crystal

Author: Wei Lu Sanford A. Asher Zihui Meng Zequn Yan  
Min Xue Lili Qiu Da Yi



PII: S0304-3894(16)30453-8  
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2016.05.022>  
Reference: HAZMAT 17711

To appear in: *Journal of Hazardous Materials*

Received date: 31-1-2016  
Revised date: 20-4-2016  
Accepted date: 7-5-2016

Please cite this article as: Wei Lu, Sanford A.Asher, Zihui Meng, Zequn Yan, Min Xue, Lili Qiu, Da Yi, Visual detection of 2,4,6-trinitrotoluene by molecularly imprinted colloidal array photonic crystal, *Journal of Hazardous Materials* <http://dx.doi.org/10.1016/j.jhazmat.2016.05.022>

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.

## Visual detection of 2,4,6-trinitrotoluene by molecularly imprinted colloidal array photonic crystal

Wei Lu<sup>a</sup>, Sanford A. Asher<sup>b\*</sup>, Zihui Meng<sup>a\*</sup>, Zequn Yan<sup>a</sup>, Min Xue<sup>a\*</sup>, Lili Qiu<sup>a\*</sup>, Da Yi

<sup>a</sup>Beijing Institute of Technology, Beijing, 100081, P. R. China

<sup>b</sup>Department of Chemistry, University of Pittsburgh, Pittsburgh, PA 15260, U. S.

\*Corresponding authors: Department of Chemistry, University of Pittsburgh, Pittsburgh, PA 15260, U. S. Phone: 412-624-8570, Fax: 412-624-0588. E-mail: asher@pitt.edu (S. Asher); School of Chemical Engineering and Engineering and Environment, Beijing Institute of Technology, Beijing, China, Phone: (8610)68913065. Fax: (8610)68913065. E-mail: m\_zihui@yahoo.com (Z. Meng). E-mail: minxue@bit.edu.cn (M. Xue). E-mail: qiulili@bit.edu.cn (L. Qiu).

Download English Version:

<https://daneshyari.com/en/article/6970234>

Download Persian Version:

<https://daneshyari.com/article/6970234>

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