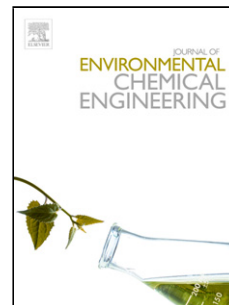


## Accepted Manuscript

Title: Photocatalytic degradation of sixteen organic dyes by TiO<sub>2</sub>/WO<sub>3</sub>-coated magnetic nanoparticles under simulated visible light and solar light

Authors: Hualong Liu, Wang Guo, Yarong Li, Shasha He, Chiyang He



PII: S2213-3437(17)30621-8  
DOI: <https://doi.org/10.1016/j.jece.2017.11.063>  
Reference: JECE 2030

To appear in:

Received date: 4-8-2017  
Revised date: 19-11-2017  
Accepted date: 22-11-2017

Please cite this article as: Hualong Liu, Wang Guo, Yarong Li, Shasha He, Chiyang He, Photocatalytic degradation of sixteen organic dyes by TiO<sub>2</sub>/WO<sub>3</sub>-coated magnetic nanoparticles under simulated visible light and solar light, Journal of Environmental Chemical Engineering <https://doi.org/10.1016/j.jece.2017.11.063>

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.

**Photocatalytic degradation of sixteen organic dyes by  
TiO<sub>2</sub>/WO<sub>3</sub>-coated magnetic nanoparticles under simulated  
visible light and solar light**

Hualong Liu<sup>a,1</sup>, Wang Guo<sup>a,1</sup>, Yarong Li<sup>a</sup>, Shasha He<sup>b</sup>, Chiyang He<sup>a,\*</sup>

<sup>a</sup> *School of Chemistry and Chemical Engineering, Wuhan Textile University, Wuhan  
430200, China*

<sup>b</sup> *School of Materials Science and Engineering, Wuhan Textile University, Wuhan  
430200, China*

\*Corresponding author. Tel.: +86 27 59367685; fax: +86 27 59367336.

*E-mail address:* chiyanghe@hotmail.com (C. He).

<sup>1</sup> These authors contributed equally to this project.

Download English Version:

<https://daneshyari.com/en/article/6664064>

Download Persian Version:

<https://daneshyari.com/article/6664064>

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