

## Accepted Manuscript

Title: Z-scheme g-C<sub>3</sub>N<sub>4</sub>@Cs<sub>x</sub>WO<sub>3</sub> heterostructure as smart window coating for UV isolating, Vis penetrating, NIR shielding and full spectrum photocatalytic decomposing VOCs

Authors: Yuan Li, Xiaoyong Wu, Jun Li, Kai Wang, Gaoke Zhang



PII: S0926-3373(18)30136-X  
DOI: <https://doi.org/10.1016/j.apcatb.2018.02.024>  
Reference: APCATB 16419

To appear in: *Applied Catalysis B: Environmental*

Received date: 8-11-2017  
Revised date: 16-1-2018  
Accepted date: 11-2-2018

Please cite this article as: Li Y, Wu X, Li J, Wang K, Zhang G, Z-scheme g-C<sub>3</sub>N<sub>4</sub>@Cs<sub>x</sub>WO<sub>3</sub> heterostructure as smart window coating for UV isolating, Vis penetrating, NIR shielding and full spectrum photocatalytic decomposing VOCs, *Applied Catalysis B, Environmental* (2018), <https://doi.org/10.1016/j.apcatb.2018.02.024>

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.

**Z-scheme g-C<sub>3</sub>N<sub>4</sub>@Cs<sub>x</sub>WO<sub>3</sub> heterostructure as smart window coating for UV isolating, Vis penetrating, NIR shielding and full spectrum photocatalytic decomposing VOCs**

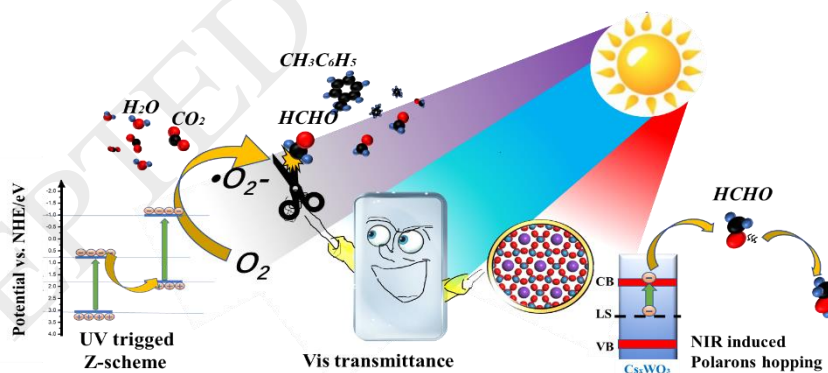
Yuan Li <sup>a</sup>, Xiaoyong Wu <sup>a\*</sup>, Jun Li <sup>a</sup>, Kai Wang <sup>a</sup>, Gaoke Zhang <sup>a,b\*</sup>

<sup>a</sup> Hubei Key Laboratory of Mineral Resources Processing and Environment, Hubei Provincial Collaborative Innovation Center for High Efficient Utilization of Vanadium Resources, School of Resources and Environmental Engineering, Wuhan University of Technology, 122 Luoshi Road, Wuhan 430070, China

<sup>b</sup> State Key Laboratory of Silicate Materials for Architectures, Wuhan University of Technology, Wuhan 430070, China

\*Corresponding Authors: Phone; Fax: +86-27-87887445. E-mails: parawu521@163.com(X.Y. Wu); gkzhang@whut.edu.cn(G.K. Zhang).

**Graphical Abstract**



Download English Version:

<https://daneshyari.com/en/article/6498510>

Download Persian Version:

<https://daneshyari.com/article/6498510>

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