

Accepted Manuscript

Title: CO₂-Induced Defect Engineering: A New Protocol by Doping Vacancies in 2D Heterostructures for Enhanced Visible-Light Photocatalysis

Authors: Yumei Ren, Chongze Wang, Yuhang Qi, Zhimin Chen, Yu Jia, Qun Xu



PII: S0169-4332(17)31370-3
DOI: <http://dx.doi.org/doi:10.1016/j.apsusc.2017.05.058>
Reference: APSUSC 35993

To appear in: *APSUSC*

Received date: 23-3-2017
Revised date: 2-5-2017
Accepted date: 7-5-2017

Please cite this article as: Yumei Ren, Chongze Wang, Yuhang Qi, Zhimin Chen, Yu Jia, Qun Xu, CO₂-Induced Defect Engineering: A New Protocol by Doping Vacancies in 2D Heterostructures for Enhanced Visible-Light Photocatalysis, Applied Surface Science <http://dx.doi.org/10.1016/j.apsusc.2017.05.058>

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.

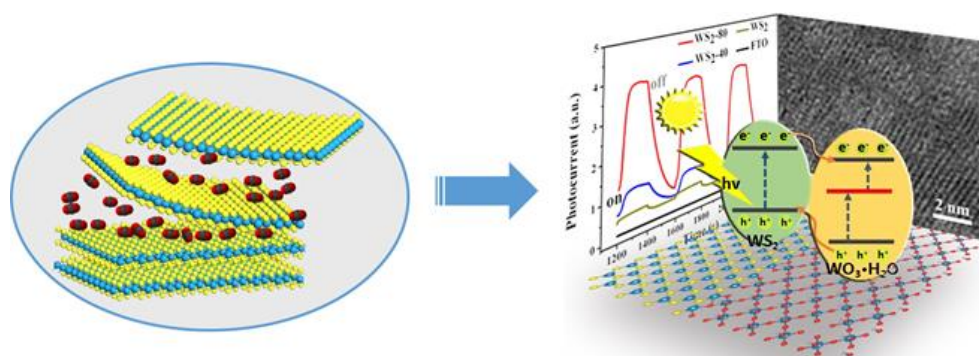
CO₂-Induced Defect Engineering: A New Protocol by Doping Vacancies in 2D Heterostructures for Enhanced Visible-Light Photocatalysis

Yumei Ren,[†] Chongze Wang,[‡] Yuhang Qi,[†] Zhimin Chen,[†] Yu Jia,^{*,‡} Qun Xu^{*,†}

[†]College of Materials Science and Engineering, Zhengzhou University, Zhengzhou 450052 (China)

[‡]International Joint Research Laboratory for Quantum Functional Materials of Henan, and School of Physics and Engineering, Zhengzhou University, Zhengzhou 450052 (China)

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/5346928>

Download Persian Version:

<https://daneshyari.com/article/5346928>

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