## **Accepted Manuscript**

Photo-catalytic activity of hydrophilic-modified TiO<sub>2</sub> for the decomposition of methylene blue and phenol

Byeong Jun Cha, Tae Gyun Woo, Eun Ji Park, II Hee Kim, Jung Eun An, Hyun Ook Seo, Young Dok Kim

PII: S1567-1739(17)30194-3

DOI: 10.1016/j.cap.2017.07.002

Reference: CAP 4540

To appear in: Current Applied Physics

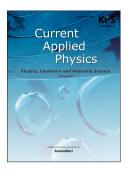
Received Date: 11 May 2017

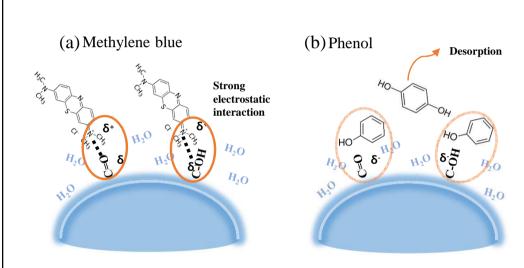
Revised Date: 1567-1739 1567-1739

Accepted Date: 4 July 2017

Please cite this article as: B.J. Cha, T.G. Woo, E.J. Park, I.H. Kim, J.E. An, H.O. Seo, Y.D. Kim, Photocatalytic activity of hydrophilic-modified TiO<sub>2</sub> for the decomposition of methylene blue and phenol, *Current Applied Physics* (2017), doi: 10.1016/j.cap.2017.07.002.

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.





■ Hydrophilic surface modification of TiO<sub>2</sub> can have either positive or negative effect on photo-catalytic activity of different reactions.

Photo-catalysis of hydrophilically surface modified TiO<sub>2</sub> on (a) methylene blue and (b) phenol

## Download English Version:

## https://daneshyari.com/en/article/5488797

Download Persian Version:

https://daneshyari.com/article/5488797

<u>Daneshyari.com</u>