

# Accepted Manuscript

Full Length Article

The Roles of Phosphate and Tungstate Species in Surface Acidities of TiO<sub>2</sub>-ZrO<sub>2</sub> Binary Oxides- A Comparison Study

Manchal Chaudhary, Po-fan Shen, Sue-min Chang

PII: S0169-4332(17)33929-6  
DOI: <https://doi.org/10.1016/j.apsusc.2017.12.269>  
Reference: APSUSC 38139

To appear in: *Applied Surface Science*

Received Date: 20 November 2017

Accepted Date: 31 December 2017

Please cite this article as: M. Chaudhary, P-f. Shen, S-m. Chang, The Roles of Phosphate and Tungstate Species in Surface Acidities of TiO<sub>2</sub>-ZrO<sub>2</sub> Binary Oxides- A Comparison Study, *Applied Surface Science* (2018), doi: <https://doi.org/10.1016/j.apsusc.2017.12.269>

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.



# The Roles of Phosphate and Tungstate Species in Surface Acidities of $\text{TiO}_2$ - $\text{ZrO}_2$ Binary Oxides- A Comparison Study

*Manchal Chaudhary, Po-fan Shen, Sue-min Chang\**

Institute of environmental engineering, National Chiao Tung University, 1001, University Road,  
Hsinchu, 30010, Taiwan

E-mail: chang@mail.nctu.edu.tw

\* Corresponding author: Institute of Environmental Engineering, National Chiao Tung University, 1001,  
University Road, Hsinchu, 30068, Taiwan

E-mail: chang@mail.nctu.edu.tw, Tel: +886-3-5712121 ext. 55506, Fax: +886-3-5725958

Download English Version:

<https://daneshyari.com/en/article/7835257>

Download Persian Version:

<https://daneshyari.com/article/7835257>

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