Accepted Manuscript

Title: Adsorption of Uranyl Species on Hydroxylated Titanium Carbide Nanosheet: A First-Principles Study

Author: Yu-Juan Zhang Jian-Hui Lan Lin Wang Qun-Yan Wu Cong-Zhi Wang Tao Bo Zhi-Fang Chai Wei-Qun Shi



To appear in: Journal of Hazardous Materials

 Received date:
 22-10-2015

 Revised date:
 3-1-2016

 Accepted date:
 23-1-2016

Please cite this article as: Yu-Juan Zhang, Jian-Hui Lan, Lin Wang, Qun-Yan Wu, Cong-Zhi Wang, Tao Bo, Zhi-Fang Chai, Wei-Qun Shi, Adsorption of Uranyl Species on Hydroxylated Titanium Carbide Nanosheet: A First-Principles Study, Journal of Hazardous Materials http://dx.doi.org/10.1016/j.jhazmat.2016.01.053

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.



ACCEPTED MANUSCRIPT

Adsorption of Uranyl Species on Hydroxylated Titanium Carbide Nanosheet: A First-Principles Study

Yu-Juan Zhang^{1,2}, Jian-Hui Lan², Lin Wang², Qun-Yan Wu², Cong-Zhi Wang², Tao Bo²,

Zhi-Fang Chai^{2,3}, Wei-Qun Shi^{2*}

¹School of Materials Science and Engineering, University of Science and Technology Beijing, 100083, Beijing, China

²Key Laboratory of Nuclear Radiation and Nuclear Energy Technology, Institute of High Energy Physics, Chinese Academy of Sciences, 100049, Beijing, China
³School of Radiological & Interdisciplinary Sciences and Collaborative Innovation Center of Radiation Medicine of Jiangsu Higher Education Institutions, Soochow University, 215123, Suzhou, China

*Corresponding author: Tel: +86 (10)88233968; Fax: +86(10)88235294

E-mail: shiwq@ihep.ac.cn

Download English Version:

https://daneshyari.com/en/article/575448

Download Persian Version:

https://daneshyari.com/article/575448

Daneshyari.com