Accepted Manuscript

Full Length Article

Effect of Defects on Adsorption Characteristics of AlN Monolayer towards SO₂ and NO₂: Ab initio Exposure

Tianhong Ouyang, Zhao Qian, Xiaopeng Hao, Rajeev Ahuja, Xiangfa Liu

PII: S0169-4332(18)32209-8

DOI: https://doi.org/10.1016/j.apsusc.2018.08.073

Reference: APSUSC 40110

To appear in: Applied Surface Science

Received Date: 17 May 2018
Revised Date: 4 June 2018
Accepted Date: 6 August 2018



Please cite this article as: T. Ouyang, Z. Qian, X. Hao, R. Ahuja, X. Liu, Effect of Defects on Adsorption Characteristics of AlN Monolayer towards SO₂ and NO₂: Ab initio Exposure, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc.2018.08.073

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

Effect of Defects on Adsorption Characteristics of AlN Monolayer towards SO₂ and NO₂: Ab initio Exposure

Tianhong Ouyang^a, Zhao Qian^{a,*}, Xiaopeng Hao^a, Rajeev Ahuja^b, Xiangfa Liu^a

^aKey Laboratory for Liquid-Solid Structural Evolution & Processing of Materials

(Ministry of Education), Suzhou Institute of Shandong University, State Key Lab of

Crystal Materials, Shandong University, China

^bCondensed Matter Theory Group, Department of Physics and Astronomy, Ångström

*Correspondence to: qianzhao@sdu.edu.cn (Z. Qian)

Laboratory, Uppsala University, Sweden

Download English Version:

https://daneshyari.com/en/article/11006477

Download Persian Version:

https://daneshyari.com/article/11006477

<u>Daneshyari.com</u>