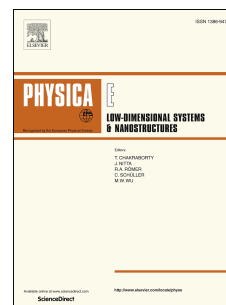


Accepted Manuscript

DFT study on the adsorption behavior and electronic response of AlN nanotube and nanocage toward toxic halothane gas

R. Mohammadi, A. Hosseinian, E. Saedi Khosroshahi, L. Edjlali, E. Vessally



PII: S1386-9477(17)31407-8

DOI: [10.1016/j.physe.2017.12.019](https://doi.org/10.1016/j.physe.2017.12.019)

Reference: PHYSE 12990

To appear in: *Physica E: Low-dimensional Systems and Nanostructures*

Received Date: 11 September 2017

Revised Date: 4 December 2017

Accepted Date: 8 December 2017

Please cite this article as: R. Mohammadi, A. Hosseinian, E.S. Khosroshahi, L. Edjlali, E. Vessally, DFT study on the adsorption behavior and electronic response of AlN nanotube and nanocage toward toxic halothane gas, *Physica E: Low-dimensional Systems and Nanostructures* (2018), doi: 10.1016/j.physe.2017.12.019.

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.

DFT study on the adsorption behavior and electronic response of AlN nanotube and nanocage toward toxic halothane gas

R. Mohammadi ^a, A. Hosseinian ^b, E. Saedi Khosroshahi ^a, L. Edjlali ^c, E. Vessally ^{*, a}

a. Department of Chemistry, Payame Noor University, Tehran, Iran

b. Department of Engineering Science, College of Engineering, University of Tehran, P.O. Box 11365-4563, Tehran, Iran

c. Department of Chemistry, Tabriz Branch, Islamic Azad University, Tabriz, Iran

*Corresponding author: vessallyesmail@gmail.com

Download English Version:

<https://daneshyari.com/en/article/7933638>

Download Persian Version:

<https://daneshyari.com/article/7933638>

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