Accepted Manuscript

Charge-modulated CO₂ capture of C₃N nanosheet: insights from DFT calculations

Xiaofang Li, Tianchao Guo, Lei Zhu, Cuicui Ling, Qingzhong Xue, Wei Xing

PII: S1385-8947(17)32235-0

DOI: https://doi.org/10.1016/j.cej.2017.12.113

Reference: CEJ 18274

To appear in: Chemical Engineering Journal

Received Date: 1 November 2017 Revised Date: 21 December 2017 Accepted Date: 22 December 2017



Please cite this article as: X. Li, T. Guo, L. Zhu, C. Ling, Q. Xue, W. Xing, Charge-modulated CO₂ capture of C₃N nanosheet: insights from DFT calculations, *Chemical Engineering Journal* (2017), doi: https://doi.org/10.1016/j.cej.2017.12.113

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

Charge-modulated CO₂ capture of C₃N nanosheet: insights from DFT calculations

Xiaofang Li^{ab}, Tianchao Guo^{ab}, Lei Zhu^{ab}, Cuicui Ling^{*ab}, Qingzhong Xue^{*ab}, Wei Xing^b

^aState Key Laboratory of Heavy Oil Processing, China University of Petroleum,

Qingdao 266555, Shandong, P. R. China

^bCollege of Science, China University of Petroleum, Qingdao 266555, Shandong, P. R. China

*Corresponding author:

Tel: 86-532-86981169. E-mail: xueqingzhong@tsinghua.org.cn; (Prof. Q. Z. Xue)

E-mail: lingcuicui@upc.edu.cn (Prof. C. C. Ling)

Download English Version:

https://daneshyari.com/en/article/6580188

Download Persian Version:

https://daneshyari.com/article/6580188

<u>Daneshyari.com</u>