

Supplementary Materials

First-Principles Investigation of the Adsorption Behaviors of CH₂O on BN, AlN, GaN, InN, BP, and P Monolayers

Chuang Feng ¹, Hongbo Qin ^{1,*}, Daoguo Yang ¹ and Guoqi Zhang ^{1,2}

¹ School of Mechanical and Electronic Engineering, Guilin University of Electronic Technology, Guilin, 541004, China; 1601201020@mails.guet.edu.cn (C.F.); d.g.yang@guet.edu.cn (D.Y.)

² EEMCS Faculty, Delft University of Technology, Delft 2628, The Netherlands; g.q.zhang@tudelft.nl (G.Z.)

* Correspondence: qinhb@guet.edu.cn; Tel.: +86-773-2290108;

Received: 29 January 2019; Accepted: 18 February 2019; Published: 25 February 2019

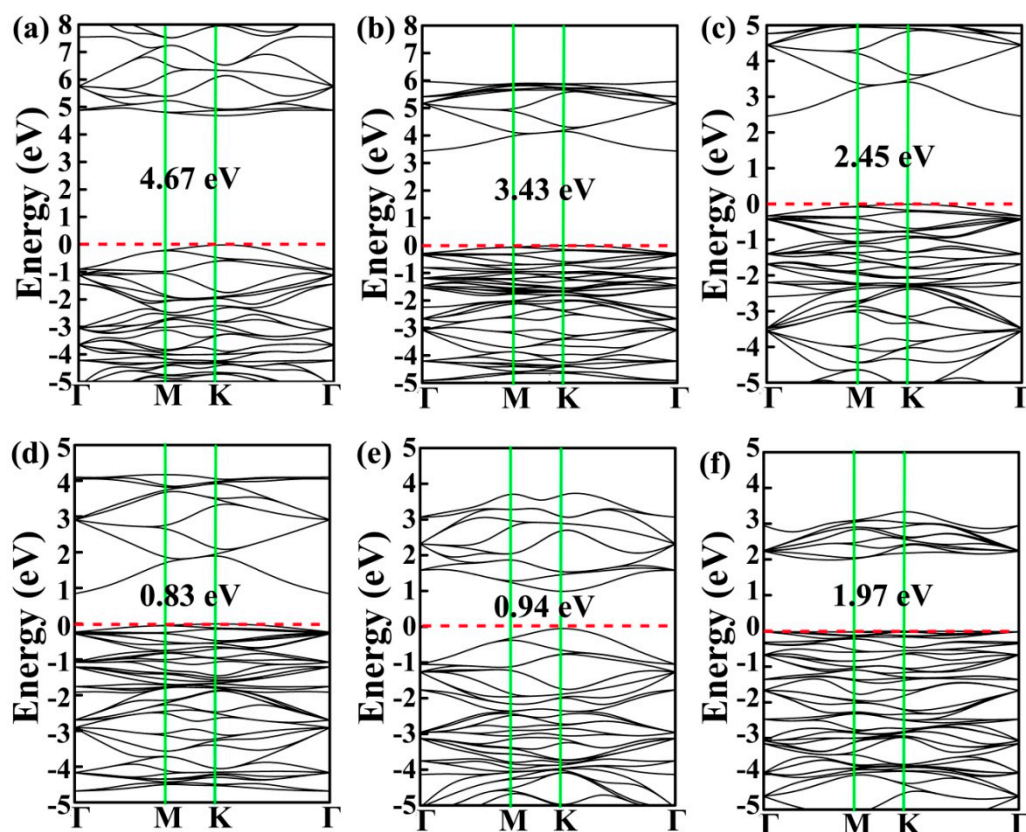


Figure S1. Band structures of pristine (a) BN, (b) AlN, (c) GaN, (d) InN, (e) BP, and (f) P monolayers.