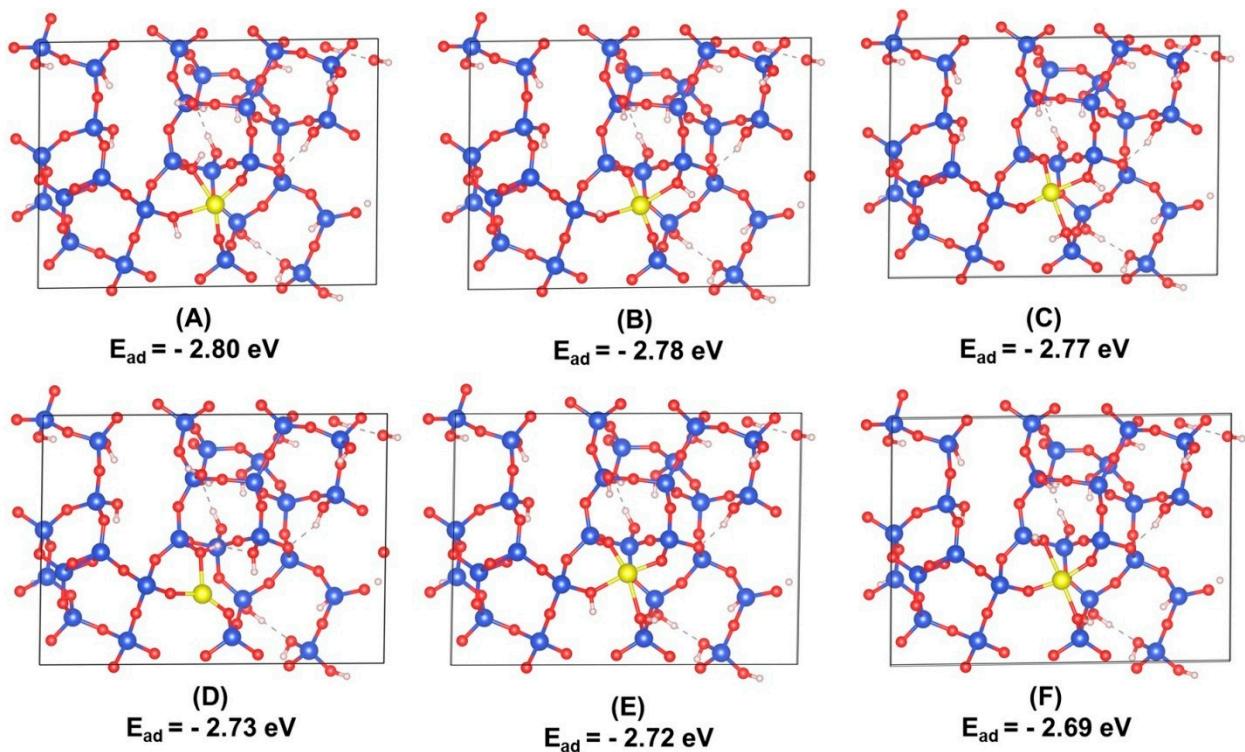


## Supplementary information



**Figure S1.** Different adsorption configuration of Co@am-SiO<sub>2</sub>. The blue red and yellow spheres represent Si, O and Co, respectively.