

Supplementary information

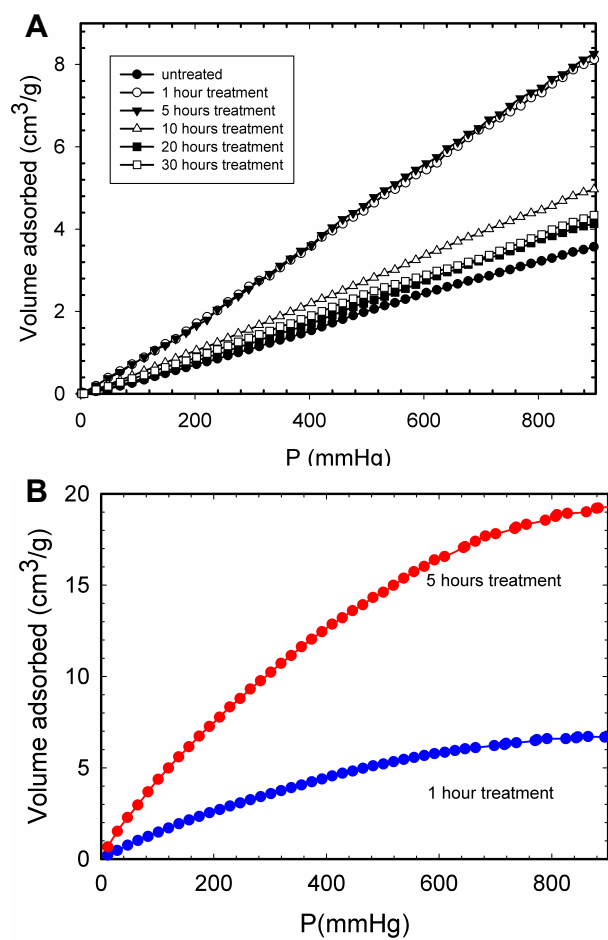


Figure 1 Evidence of CO<sub>2</sub> and H<sub>2</sub> adsorption on the different samples; A: CO<sub>2</sub> adsorption (volume - STP) measured at 293K on the series of samples; and B: H<sub>2</sub> volume adsorbed at 77 K for the 1 h and 5 h plated samples