Journal of Carbon Research

Effect of Porosity and Surface Chemistry on CO_2 and CH_4 Adsorption in S-Doped and S-/O-co-Doped Porous Carbons

Snezana Reljic, Manuel Martinez-Escandell and Joaquin Silvestre-Albero *

Laboratorio de Materiales Avanzados, Departamento de Química Inorgánicak, Instituto Universitario de Materiales (IUMA), Universidad de Alicante, 03690 San Vicente del Raspeig, Spain
* Correspondence: joaquin.silvestre@ua.es

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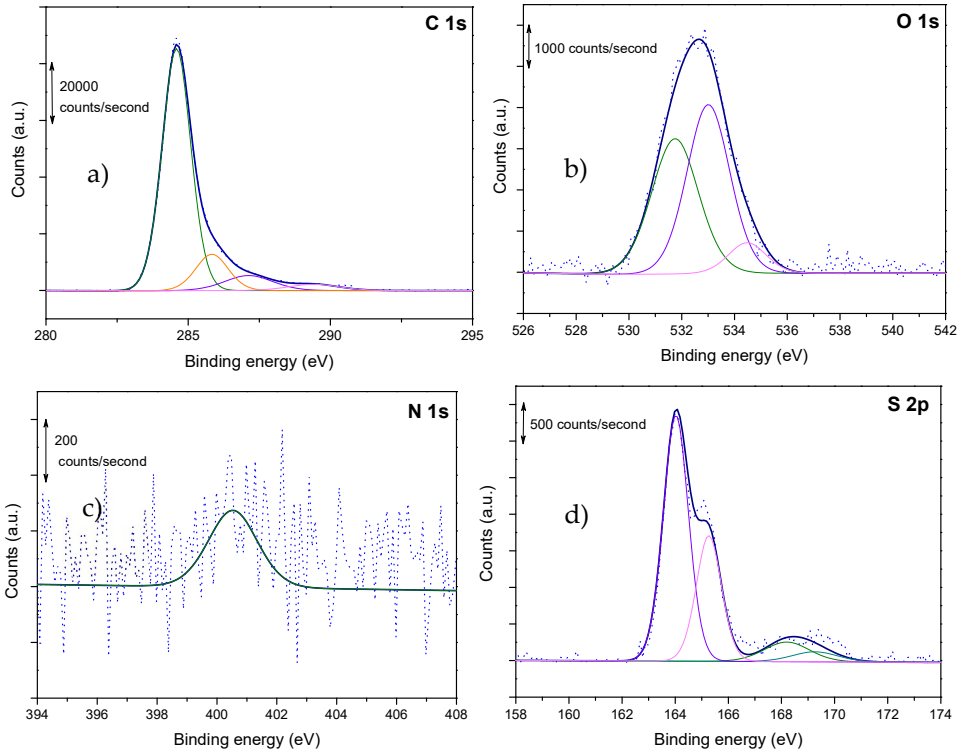
Sample PPAC1:3800



Sample PPAC1:3P800

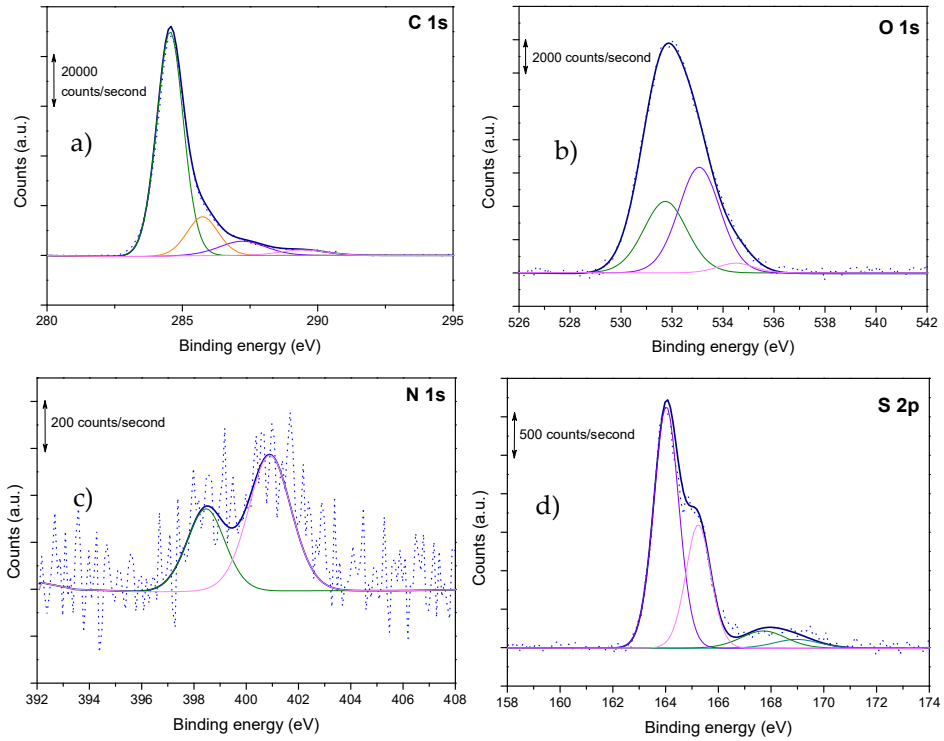


Figure S1. Deconvoluted XPS spectra in the (a) C1s, (b) O1s, (c) N1s and (d) S2p region for the samples PPAC1:3800 (up) and PPAC1:3P800 (down).

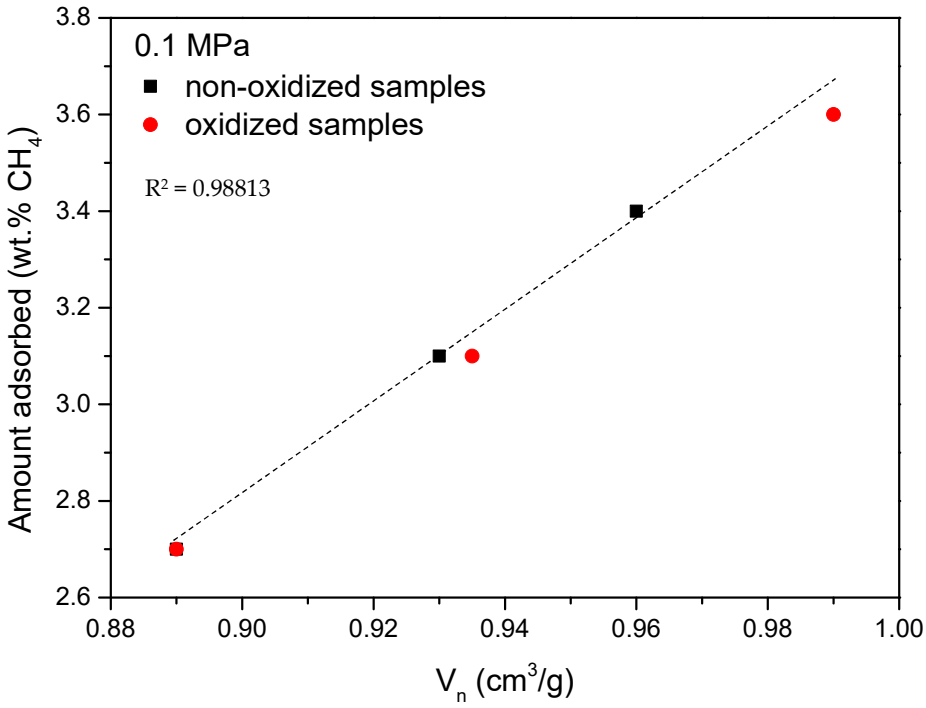


Figure S2. Correlation between the narrow micropore volume (V_n) and the excess amount adsorbed for CH_4 at atmospheric pressure.

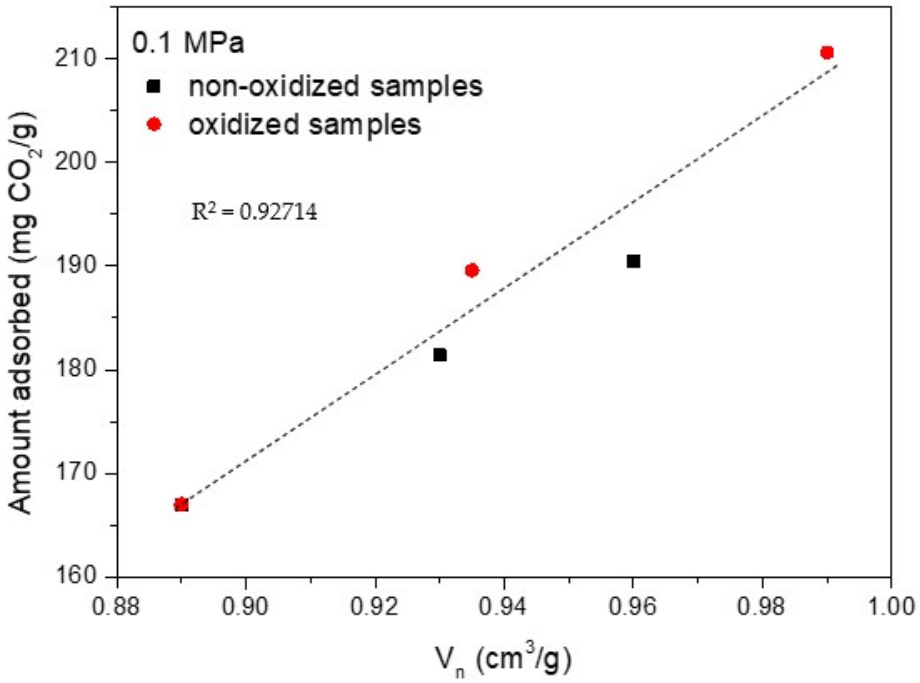


Figure S3. Correlation between the narrow micropore volume (V_n) and the excess amount adsorbed for CO_2 at atmospheric pressure.