

Supplementary Materials

CO₂ and CH₄ Adsorption Behavior of Biomass-Based Activated Carbons

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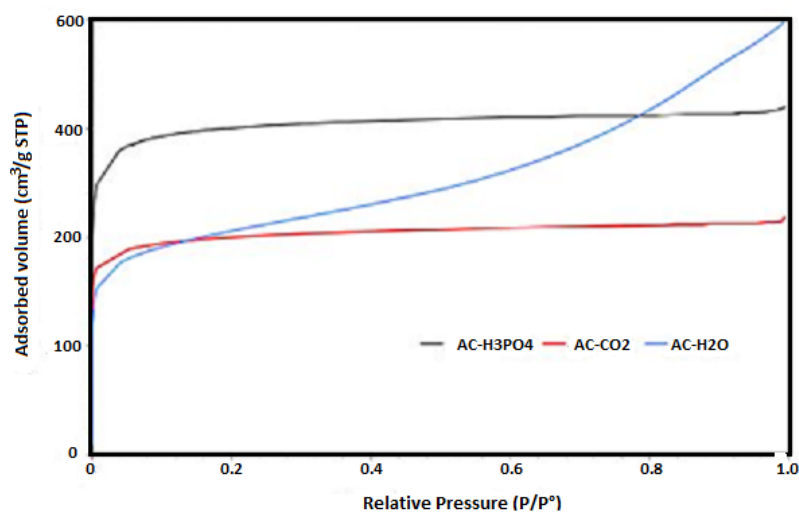


Figure S1: Adsorption and desorption of Nitrogen (N₂) at 77K on the Olive stones activated carbons [1].

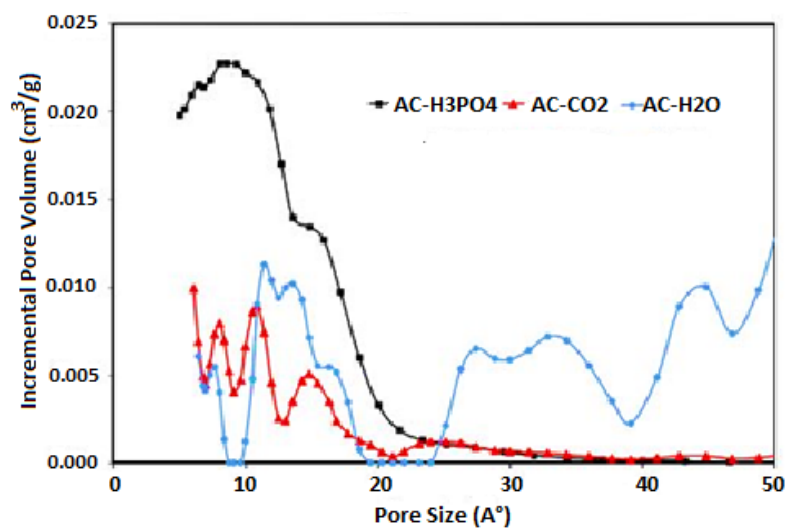


Figure S2: Pore size distribution (PSD) of the olive stones activated carbons obtained by means of density functional theory (DFT) [1].

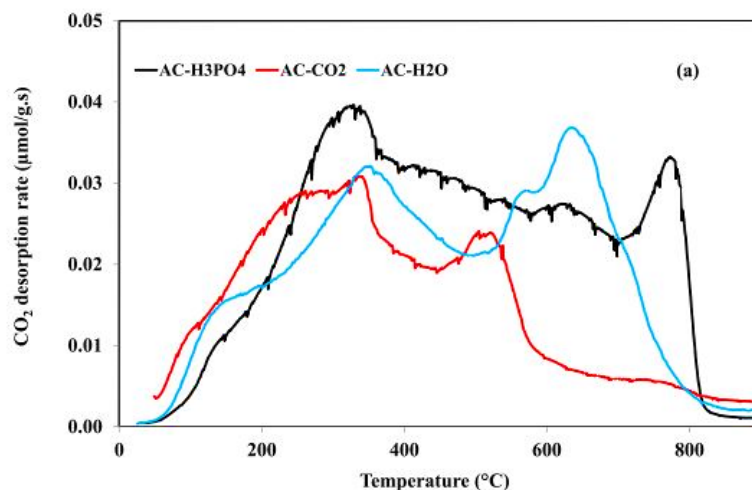


Figure S3 : Emmited CO₂ during temperature programmed desorption-mass spectroscopy (TPD-MS) of the olive stones activated carbons [1].

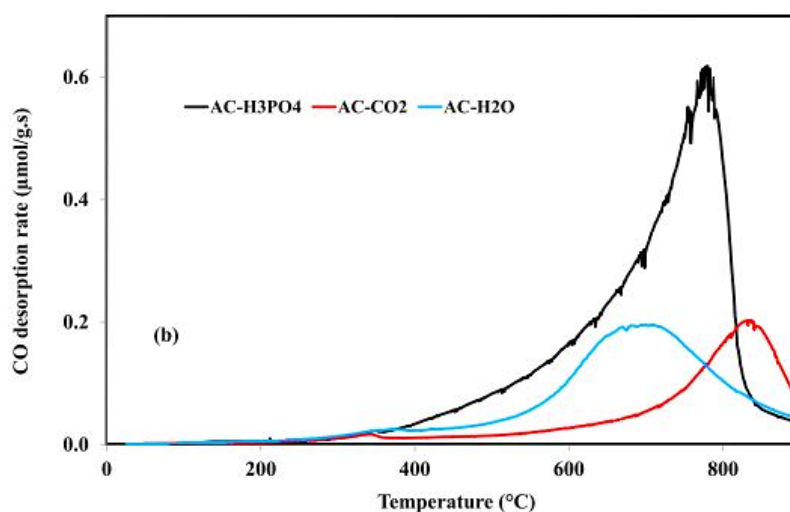


Figure S4 : Emmited CO during temperature programmed desorption-mass spectroscopy (TPD-MS) of the olive stones activated carbons [1].

References

- [1] I. Ghouma *et al.*, "The potential of activated carbon made of agro-industrial residues in NO_x immissions abatement," *Energies*, vol. 10, no. 12, 2017.