

Article

Methanol Dehydration to Dimethyl Ether on Zr-Loaded P-Containing Mesoporous Activated Carbon Catalysts

José Palomo *, José Rodríguez-Mirasol, and Tomás Cordero

Chemical Engineering Department, Andalucía Tech, Universidad de Málaga, 29010 Málaga, Spain

* Correspondence: palomo@uma.es; Tel.: +34-951-952-529

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Deconvolution of XPS spectra:

P2p:

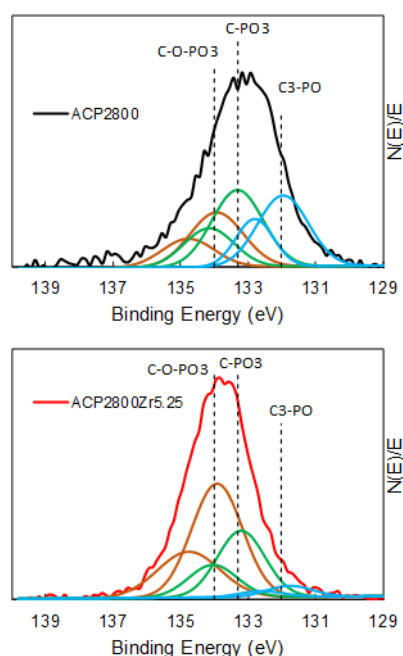


Figure S1. Deconvolution of the normalized P2p XPS spectra for ACP2800 and the 5.25 % Zr loaded phosphorus containing sample.

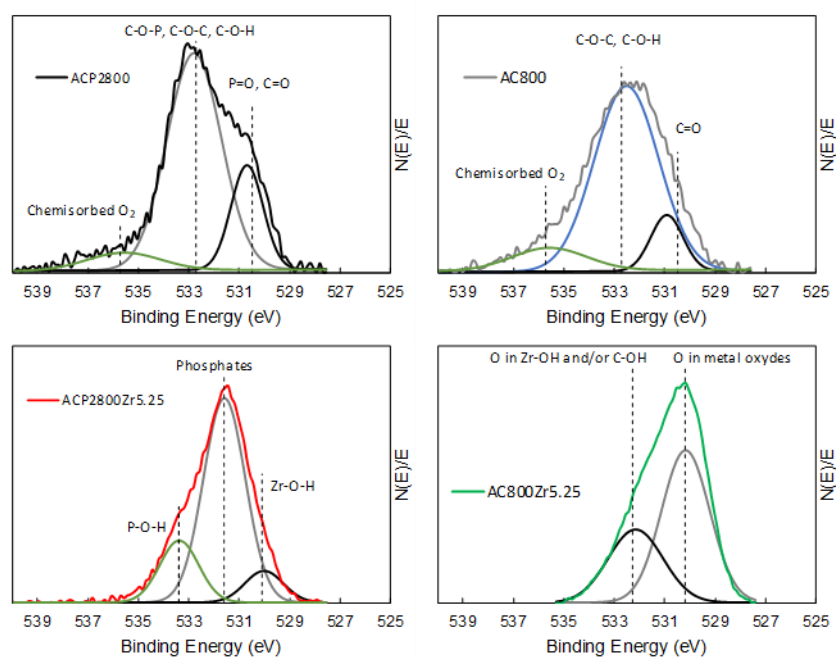
O1s:

Figure S2. Deconvolution of the normalized O1s XPS spectra for ACP2800, AC800 and the 5.25 % Zr loaded samples (ACP2800Zr5.25 and AC800Zr5.25).

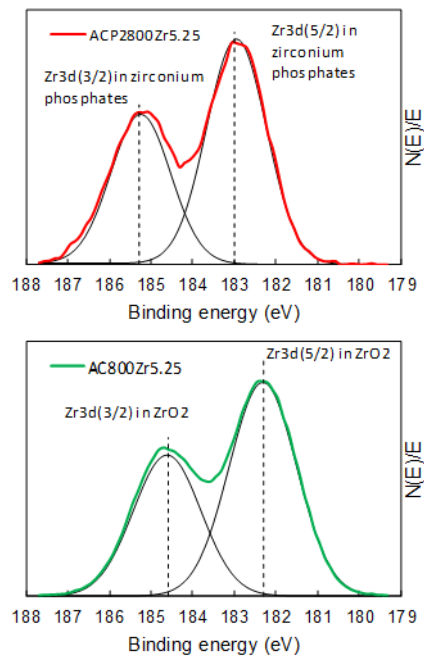
Zr3d:

Figure S3. Deconvolution of the normalized Zr3d XPS spectra for the 5.25 % Zr loaded samples, ACP2800Zr5.25 and AC800Zr5.25.