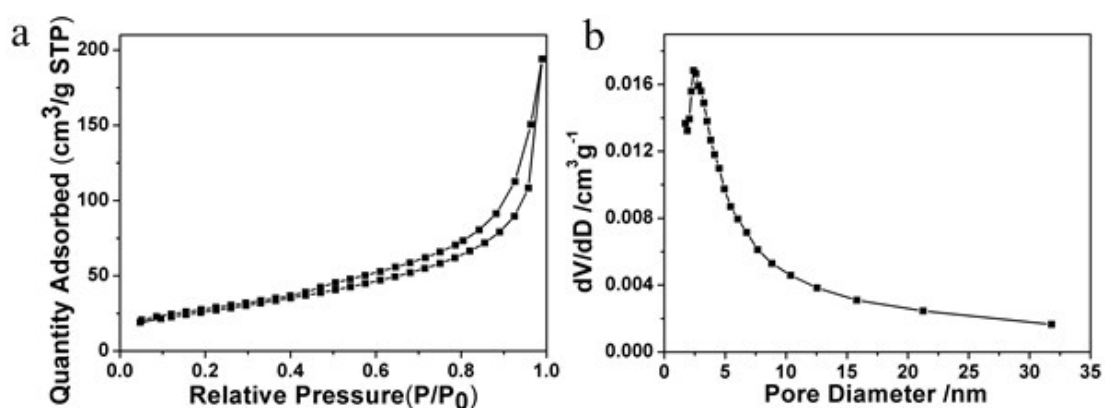


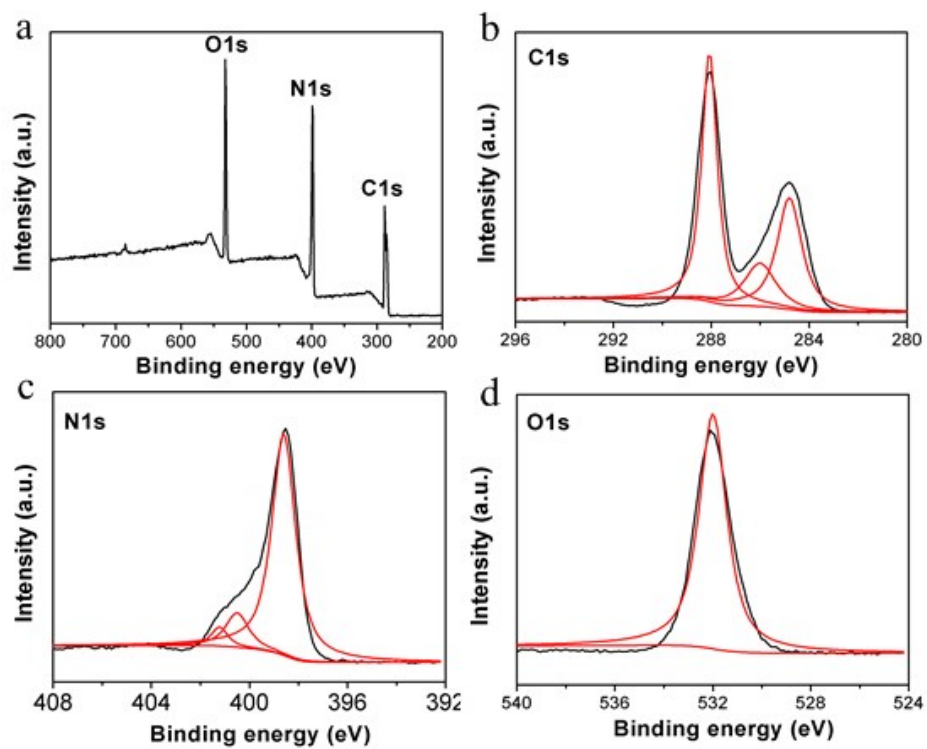
# Hollow Porous Carbon Nitride Immobilized on Carbonized Nanofibers for Highly Efficient Visible Light Photocatalytic Removal of NO

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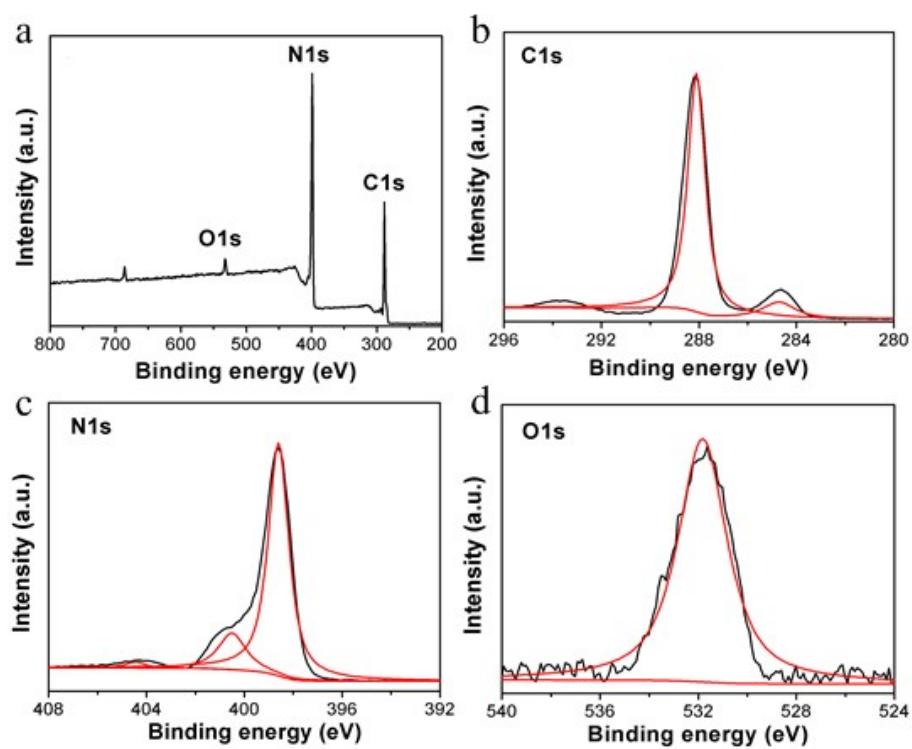
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**Figure S1.** (a) N<sub>2</sub> adsorption-desorption isotherm of HCNS/rGO (b) the corresponding Barrett-Joyner-Halenda pore-size distribution of HCNS/rGO.



**Figure S2.** (a) XPS survey spectra of the synthesized HCNS-NH<sub>2</sub> sample, high resolution XPS spectra of (b) C1s (c) N1s (d) O1s.



**Figure S3.** (a) XPS survey spectra of the synthesized HCNS sample, high resolution XPS spectra of (b) C1s (c) N1s (d) O1s.