

Supplementary Information

Thermally reduced pillared GO with precisely defined slit pore size

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1. Additional characterization of materials.

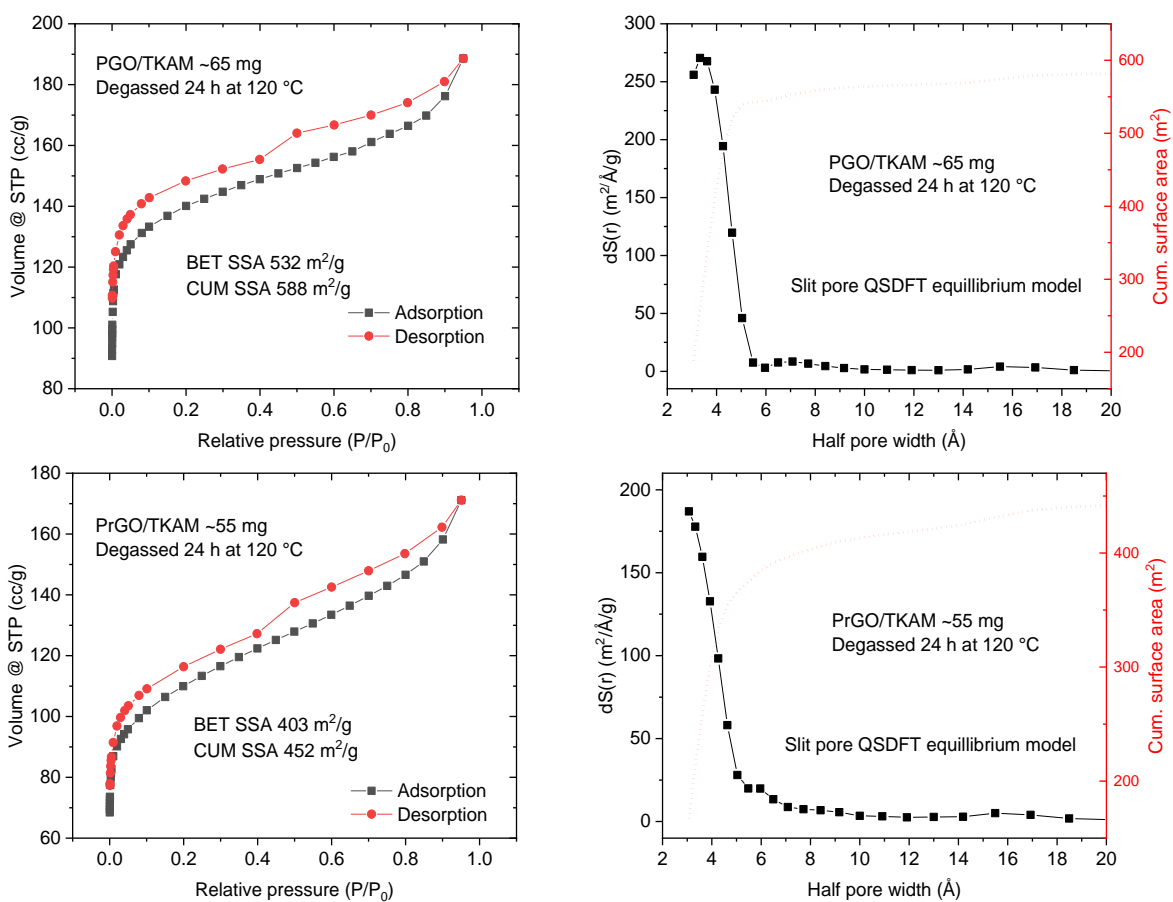


Figure S1 Isotherms of PGO/TKAM and PrGO/TKAM for samples outgassed at 120 °C for 24 h

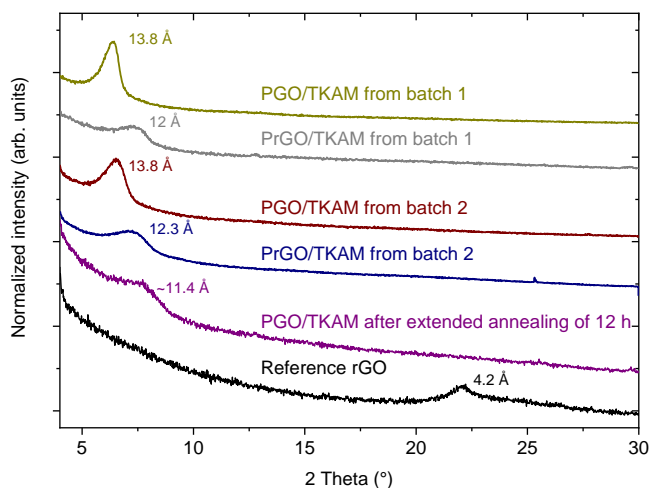


Figure S2 XRD patterns recorded from two batches of PGO/TKAM and PrGO/TKAM, reference rGO and PGO/TKAM after 12 hours of annealing

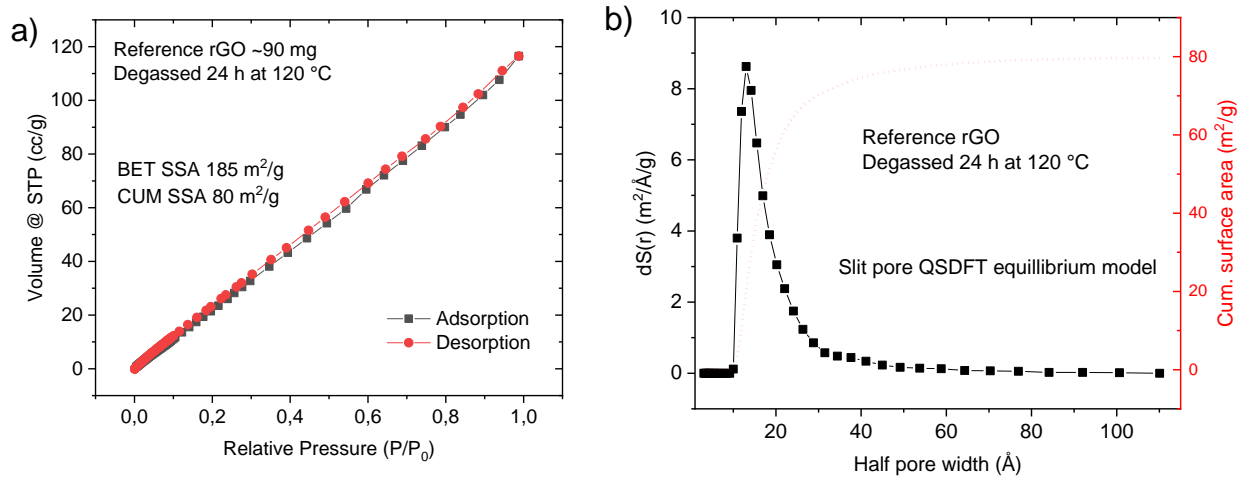


Figure S3 Nitrogen sorption isotherm (a) and pore size distribution (b) for reference rGO

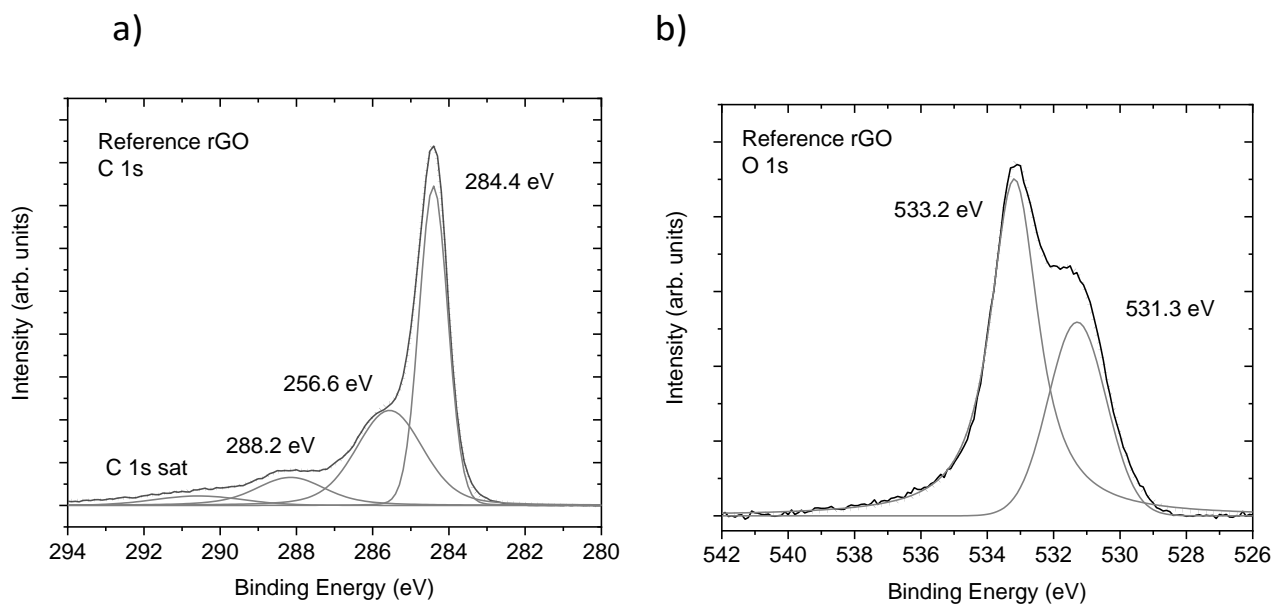


Figure S4 XPS for reference rGO (C/O = 5.1): a) C1s and b) O1s

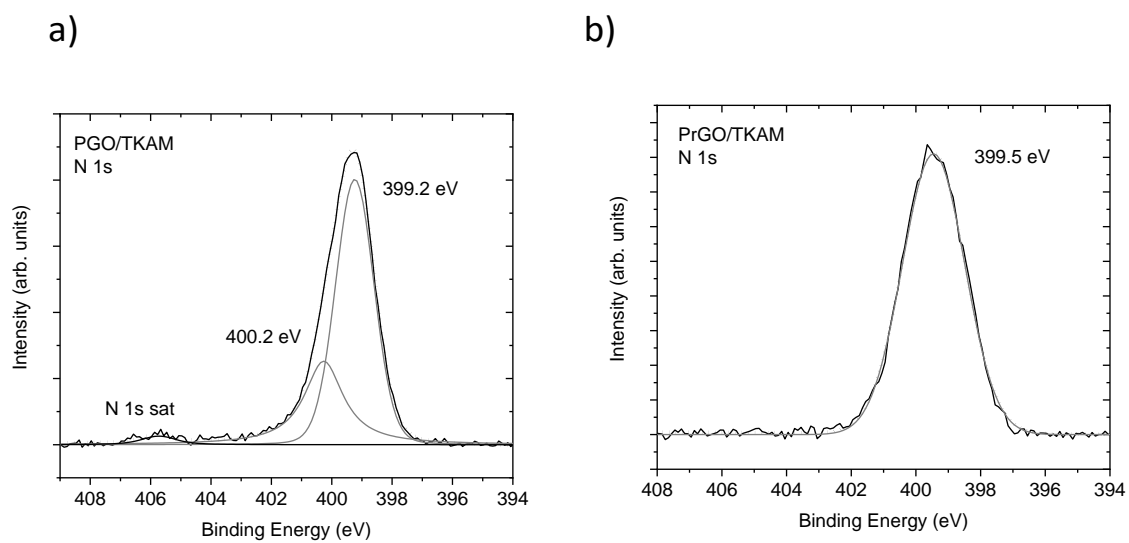


Figure S5 XPS N 1s spectra for PGO/TKAM (a) and PrGO/TKAM (b)

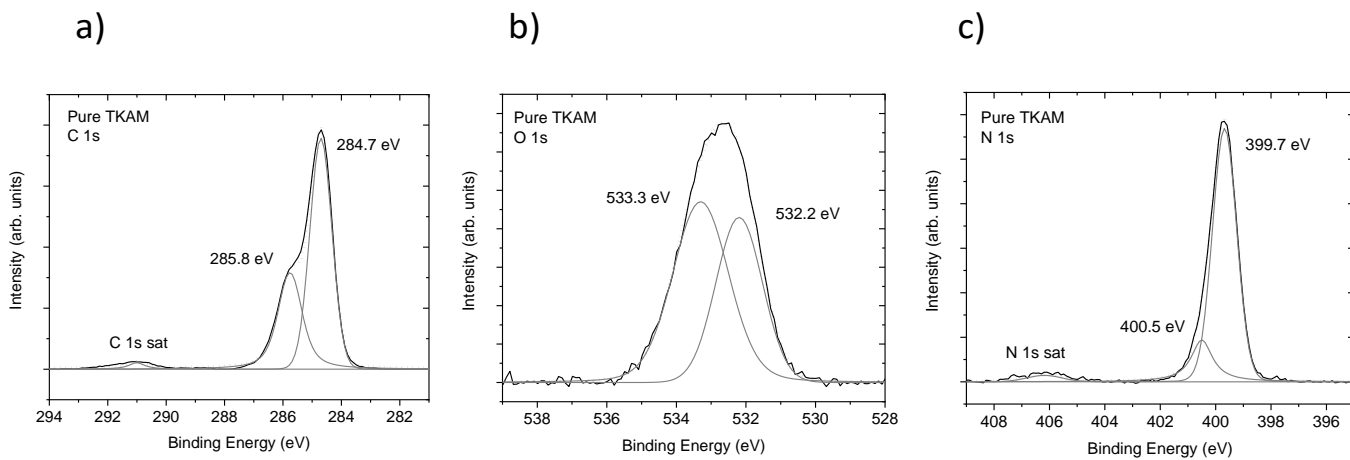


Figure S6 XPS spectra of pure TKAM:) a) C1s and b) O1s