

Supplementary Information

2D Polyacrylonitrile Brushes Derived Nitrogen-doped Carbon Nanosheets for High-performance Electrocatalyst in Oxygen Reduction Reaction

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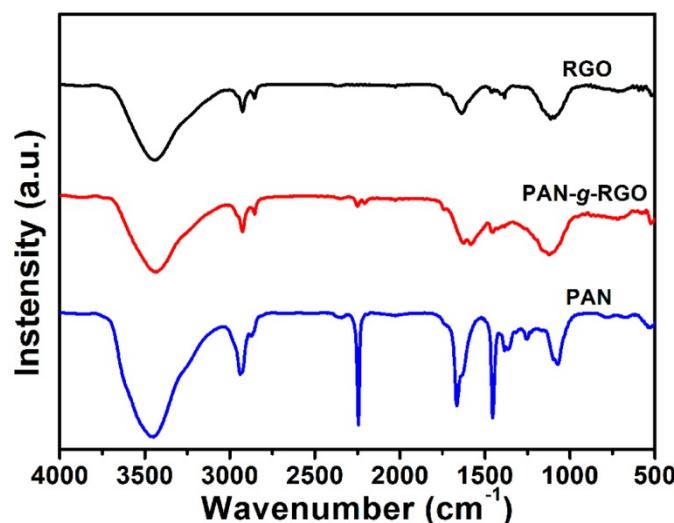


Fig. S1 FT-IR spectra of RGO, PAN-g-RGO, and PAN between 500 and 4000 cm⁻¹.

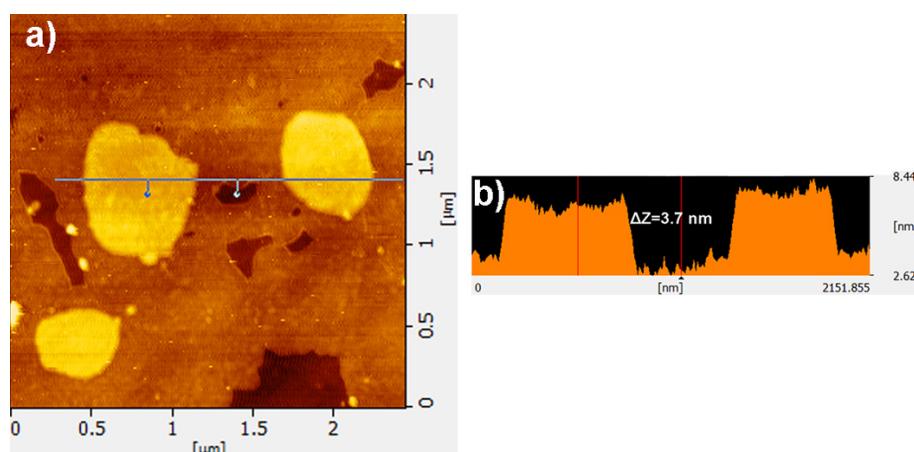


Fig. S2 **a)** AFM image of NCNS-700/900; **b)** The cross section image of NCNS-700/900.

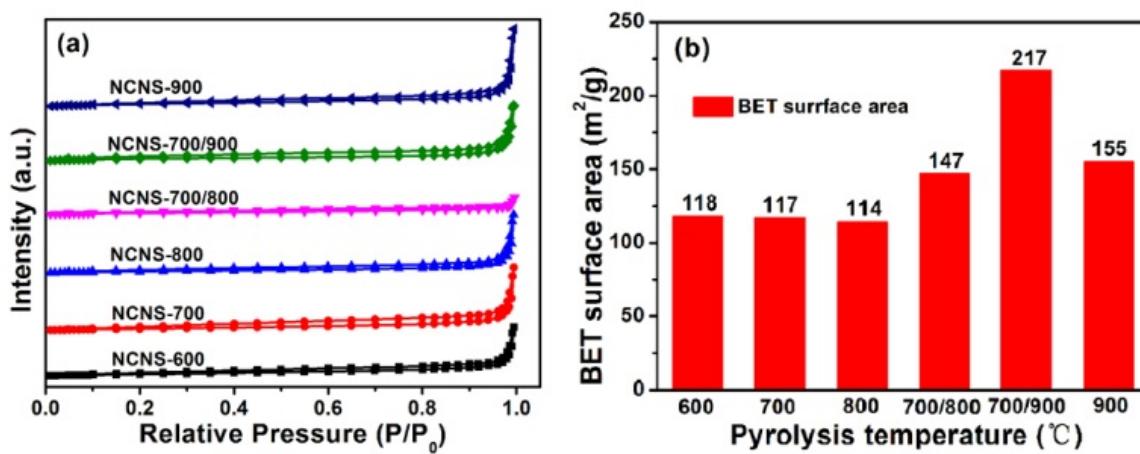


Fig. S3 Nitrogen adsorption and desorption isotherms (**a**) and BET surface area values (**b**) for a series of samples pyrolyzed at different temperatures.