

Supplementary Materials: Co₃O₄ Nanoparticle-Decorated N-Doped Mesoporous Carbon Nanofibers as an Efficient Catalyst for Oxygen Reduction Reaction

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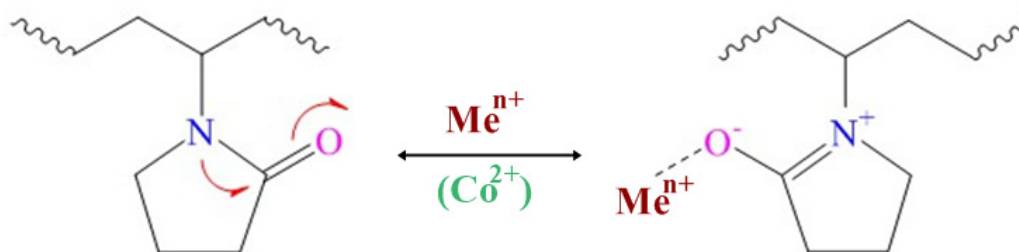


Figure S1. The scheme shows the resonance structure of PVP with metal cations.

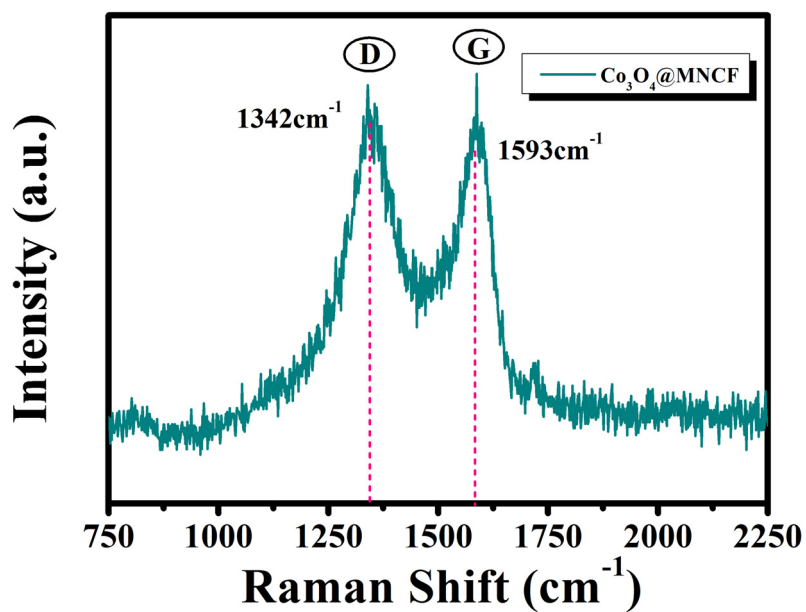


Figure S2. Raman spectroscopy of Co₃O₄@NMCF composite.

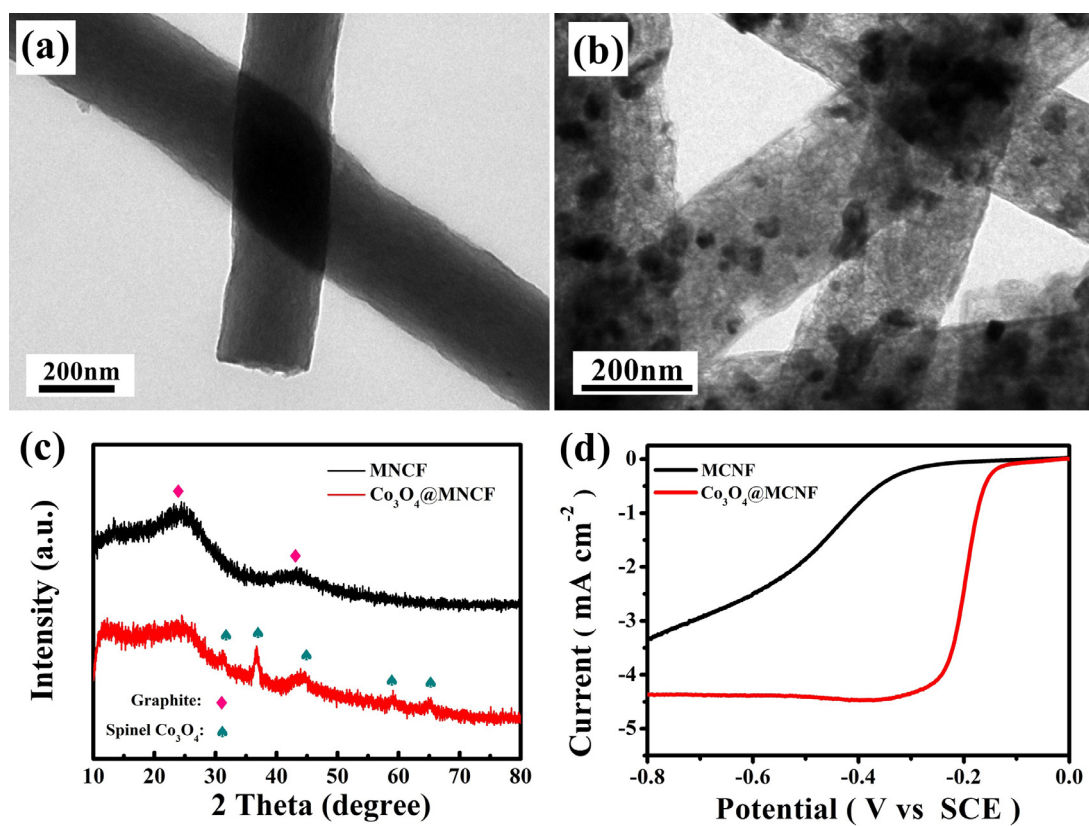


Figure S3. TEM images of the MNCF (a) and Co₃O₄@MNCF (b) samples; (c) Wide-angle XRD patterns, (d) LSV polarization curves of the MNCF and Co₃O₄@MNCF samples in O₂-saturated 0.1 M KOH solution; For the electrochemical experiments, the potential scan rate was 5 mV s⁻¹ with 1600 rpm.