

Electrocatalytic activity of Mn/Cu doped Fe_2O_3 -PANI-rGO composites for Fuel cell applications

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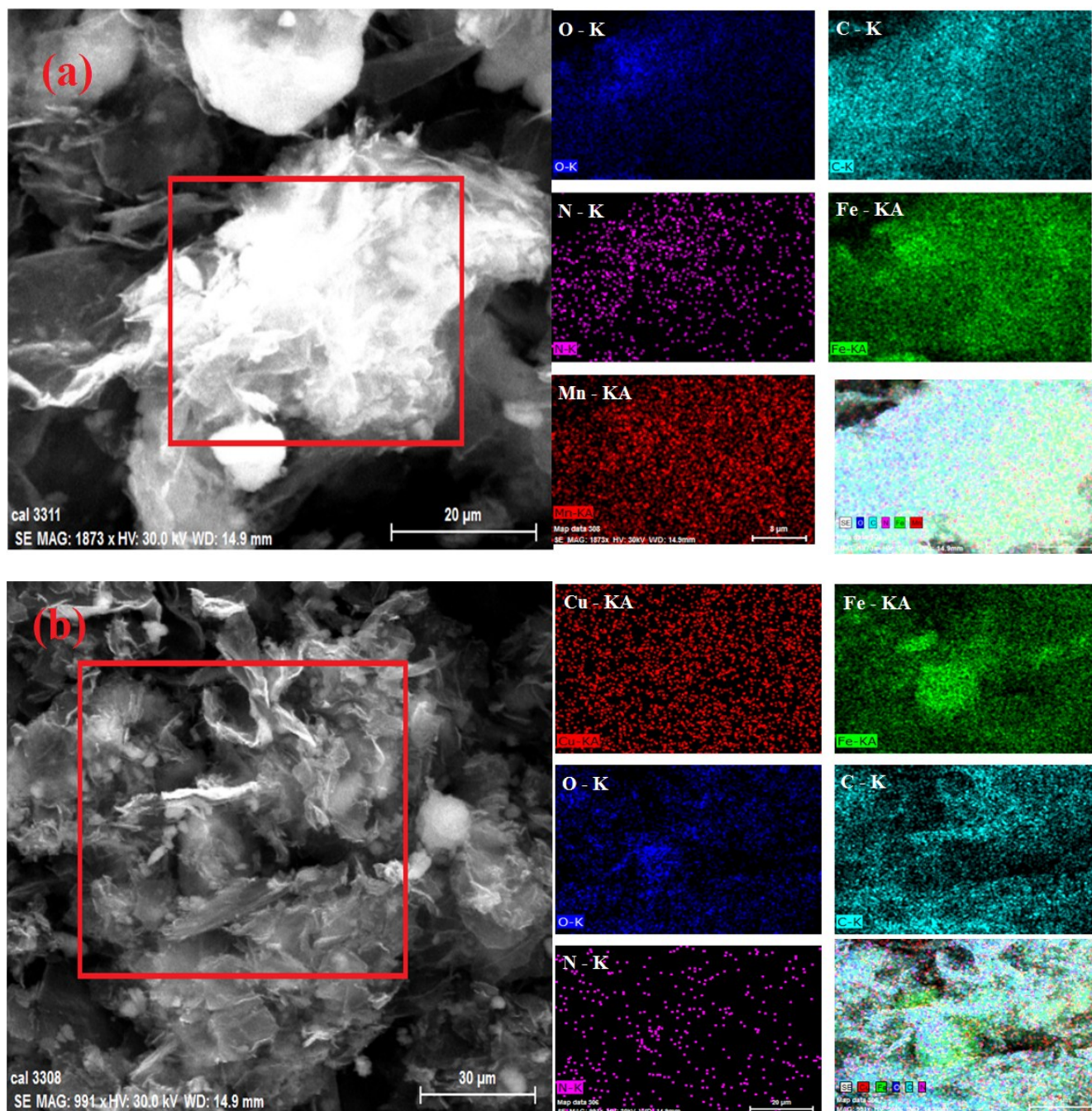


Fig. S1. Elemental mapping of Mn doped Fe_2O_3 -PANI-rGO (a), Cu doped Fe_2O_3 -PANI-rGO (b) composites.

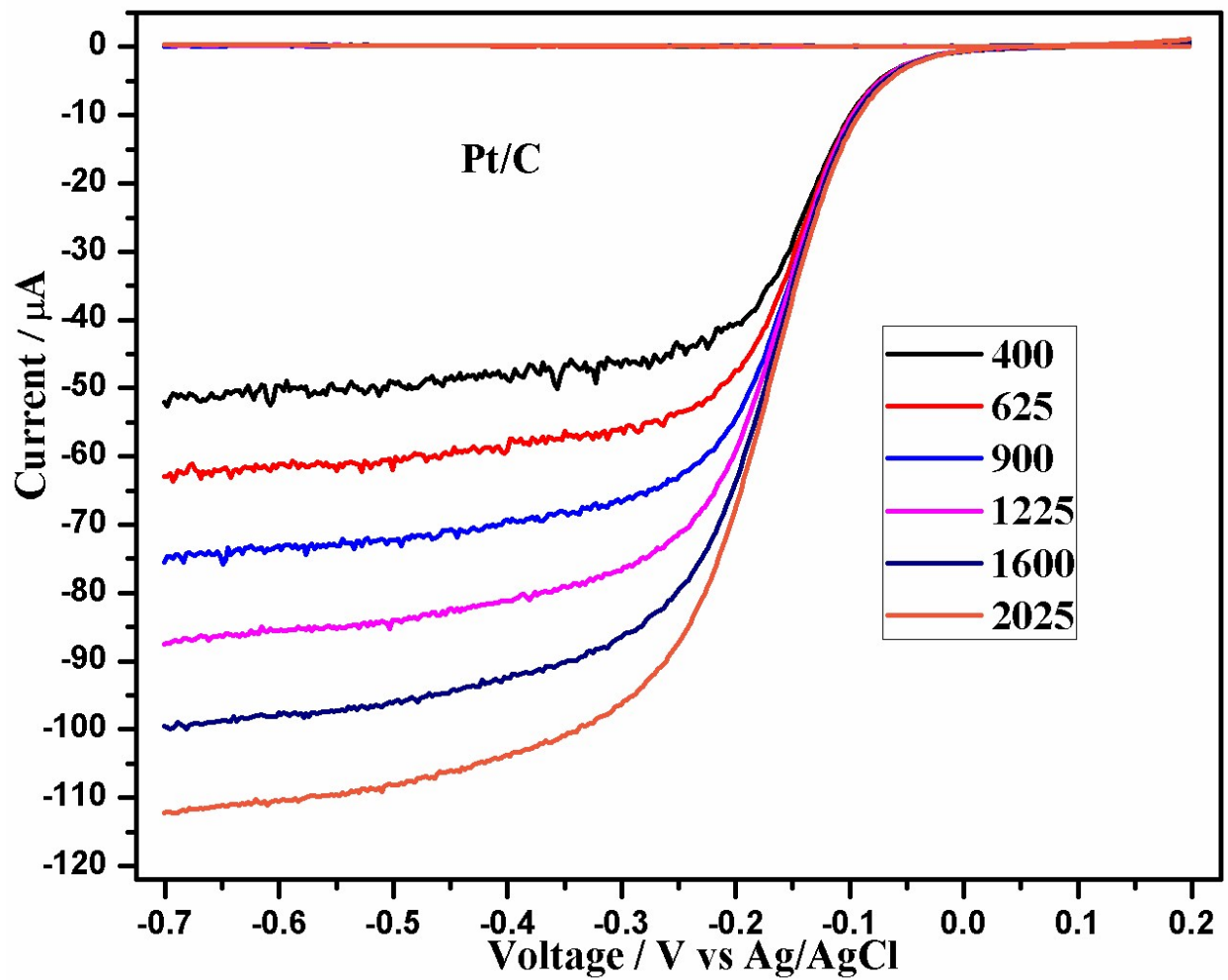


Fig. S2. Rotating ring disc voltammograms of Pt/C electrodes in O_2 -saturated 0.1 M KOH at a scan rate of 10 mV s^{-1} recorded at various rotation rates.

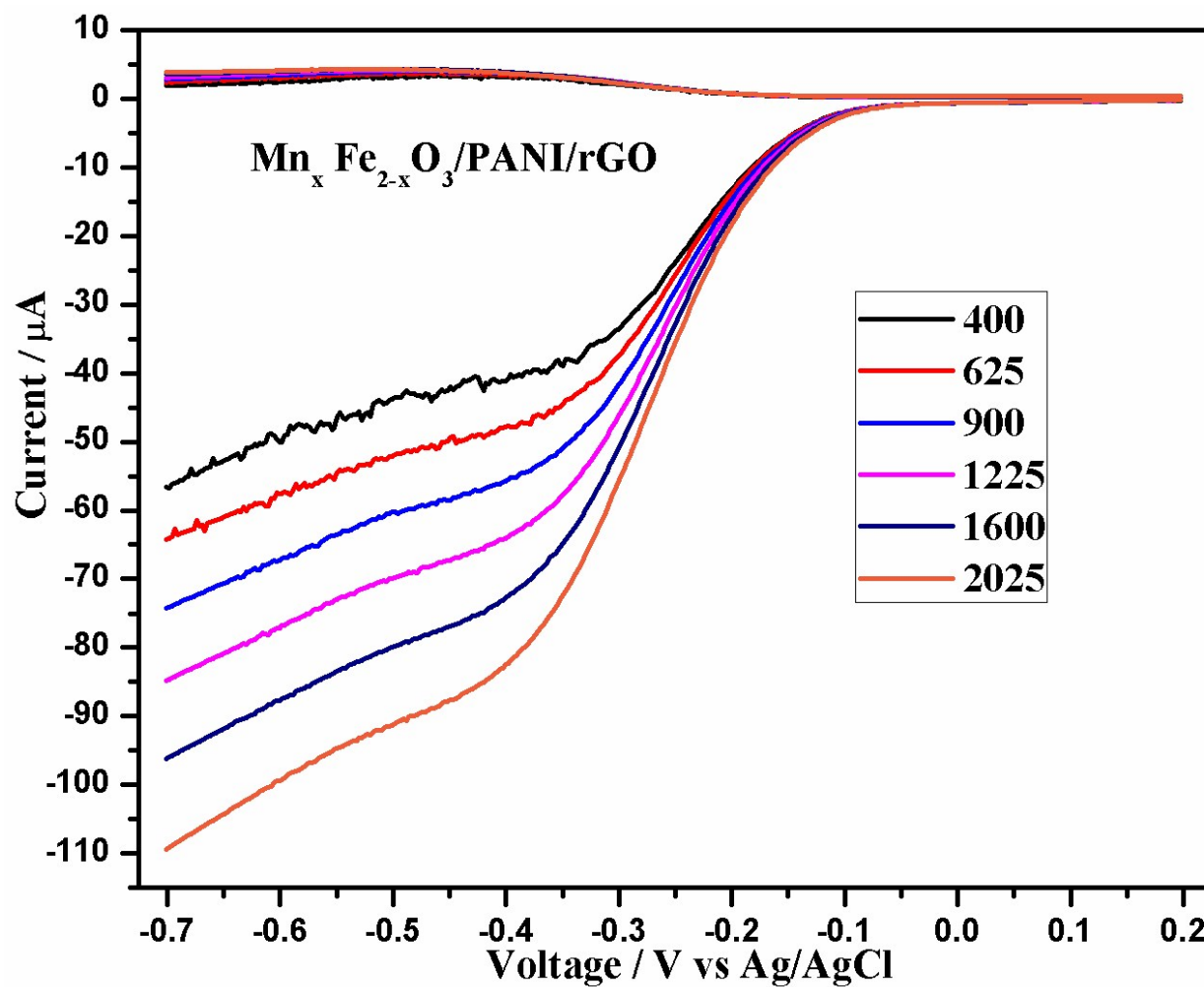


Fig. S3. Rotating ring disc voltammograms of Mn doped Fe_2O_3 -PANI-rGO electrodes in O_2 -saturated 0.1 M KOH at a scan rate of 10 mV s^{-1} recorded at various rotation rates.

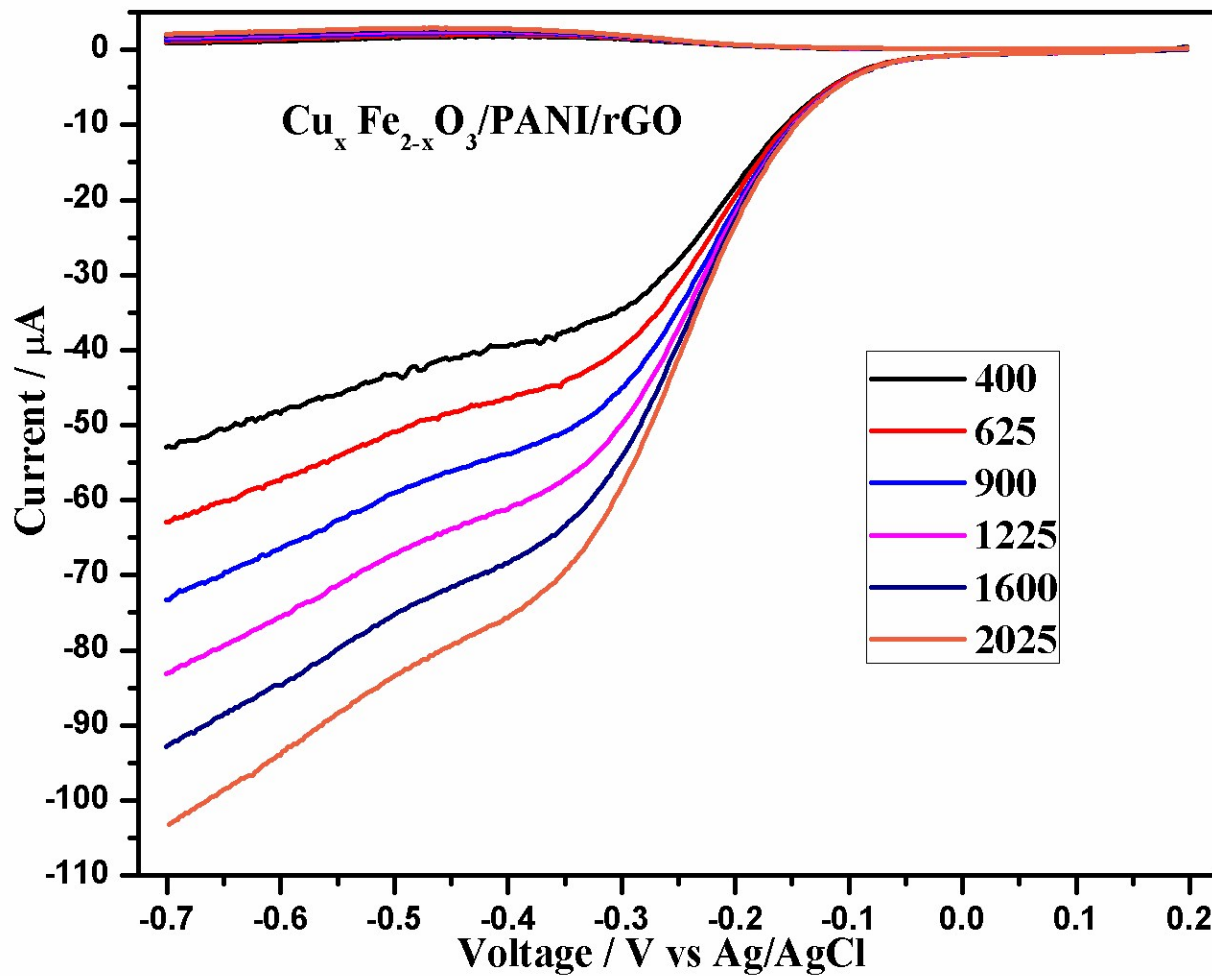


Fig. S4. Rotating ring disc voltammograms of Cu doped Fe_2O_3 -PANI-rGO electrodes in O_2 -saturated 0.1 M KOH at a scan rate of 10 mV s^{-1} recorded at various rotation rates.

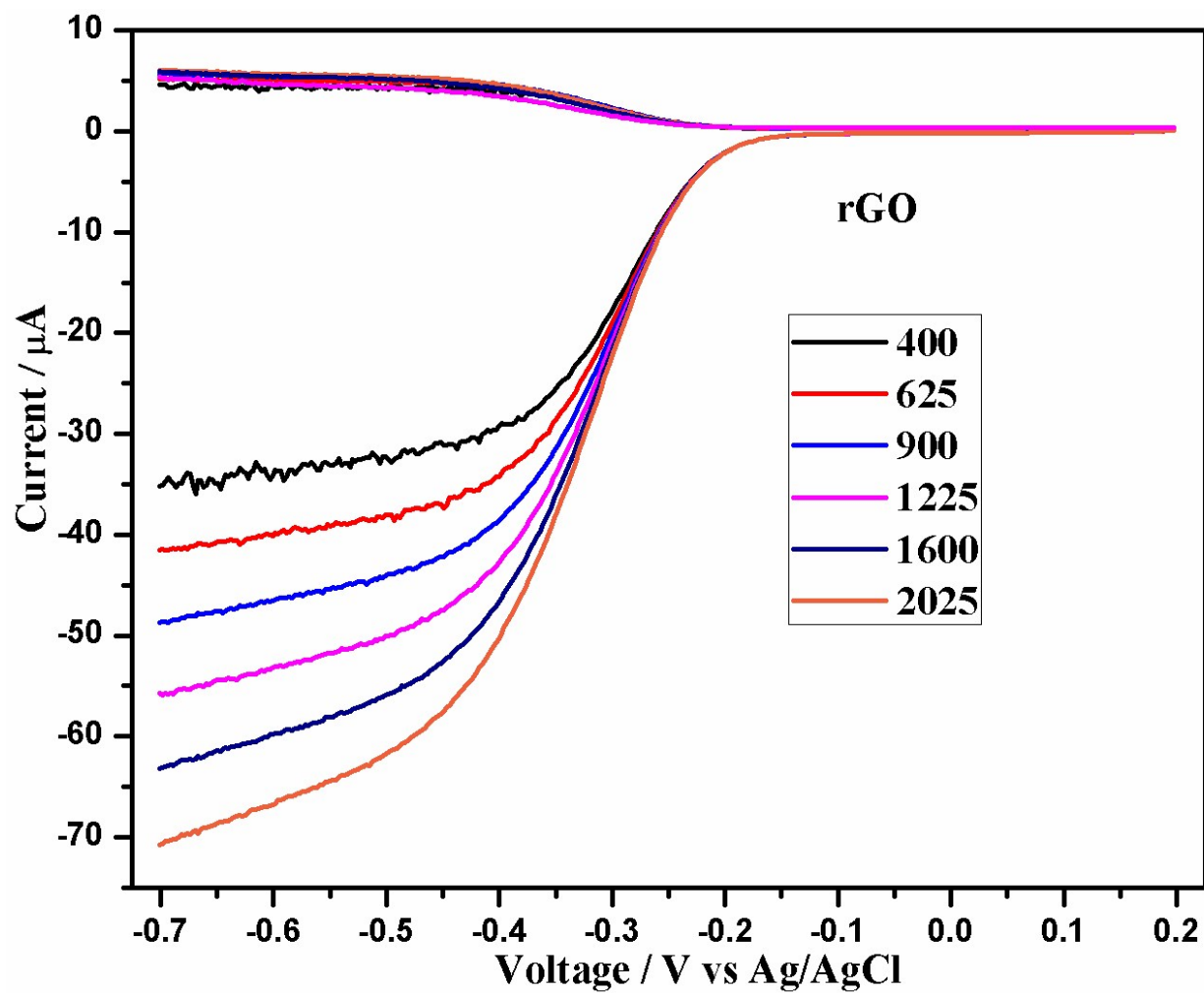


Fig. S5. Rotating ring disc voltammograms of rGO electrodes in O_2 -saturated 0.1 M KOH at a scan rate of 10 mV s^{-1} recorded at various rotation rates.