

Electronic Supplementary Information

In-situ Preparation of Multi-wall Carbon Nanotubes/Au Composites for Oxygen Electroreduction

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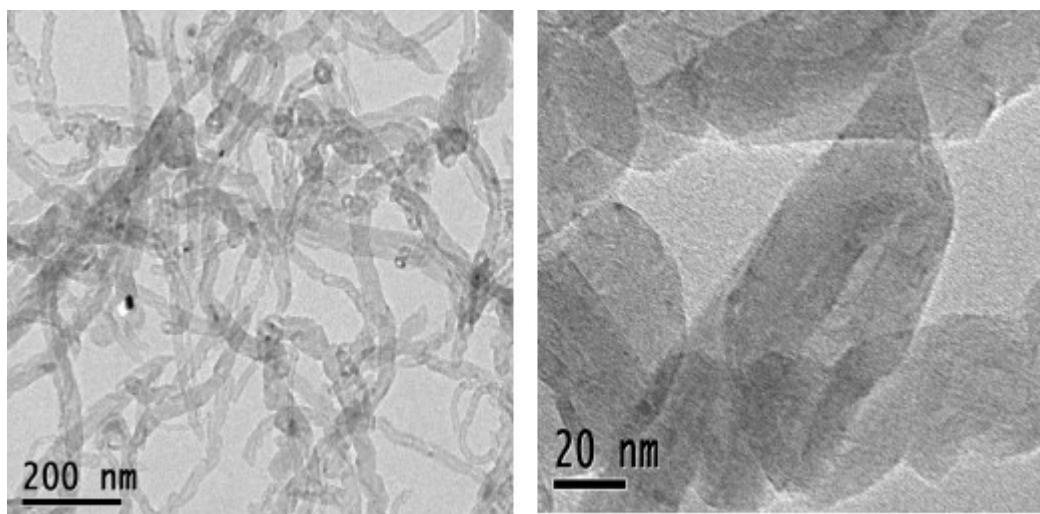


Figure S1. Representative TEM images of the multi-wall carbon nanotubes (CNTs).

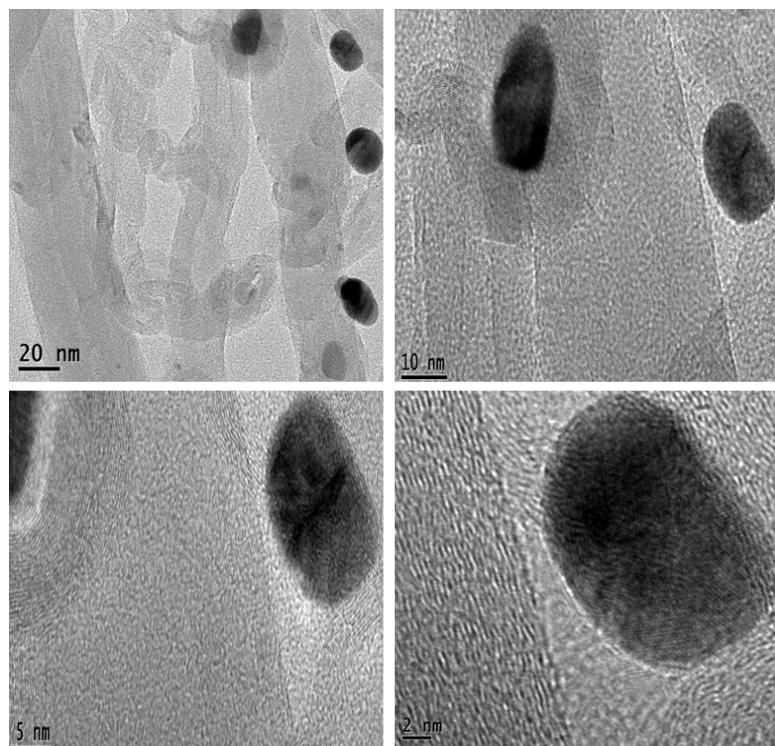


Figure S2. Representative HR-TEM images of the Au/CNTs= 1: 2 composite with different magnitudes.

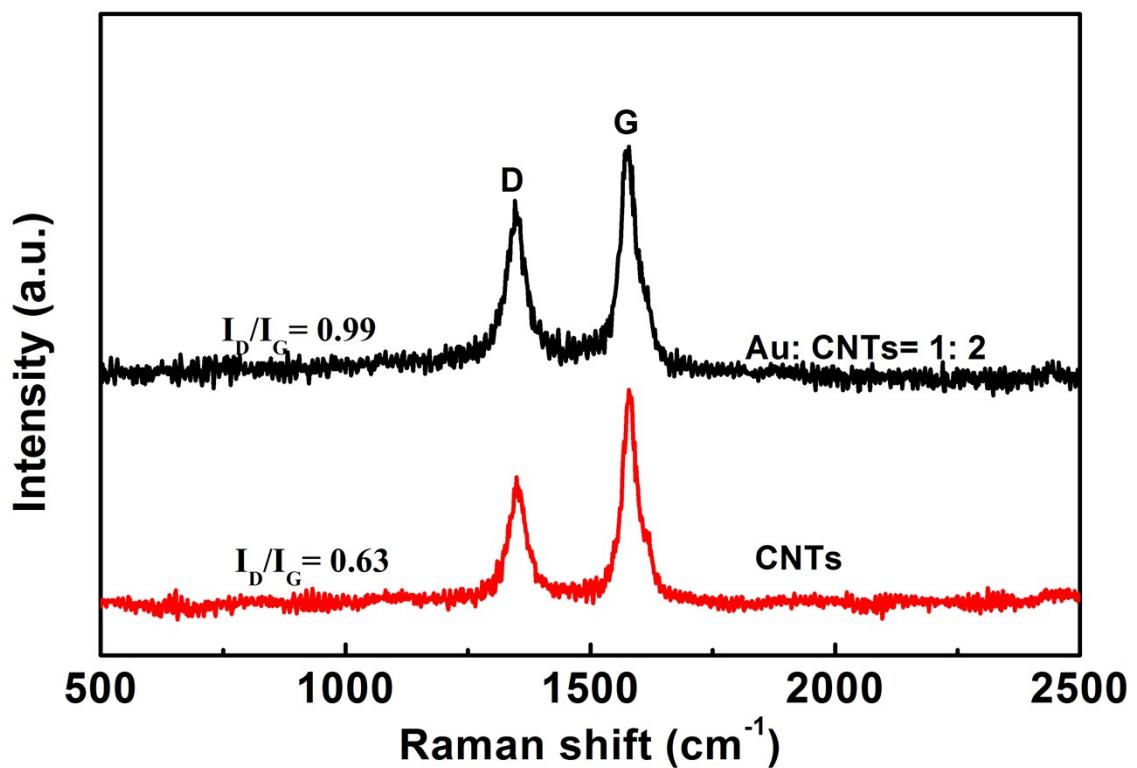


Figure S3. Raman spectra of Au/CNTs= 1: 2 and CNTs alone.

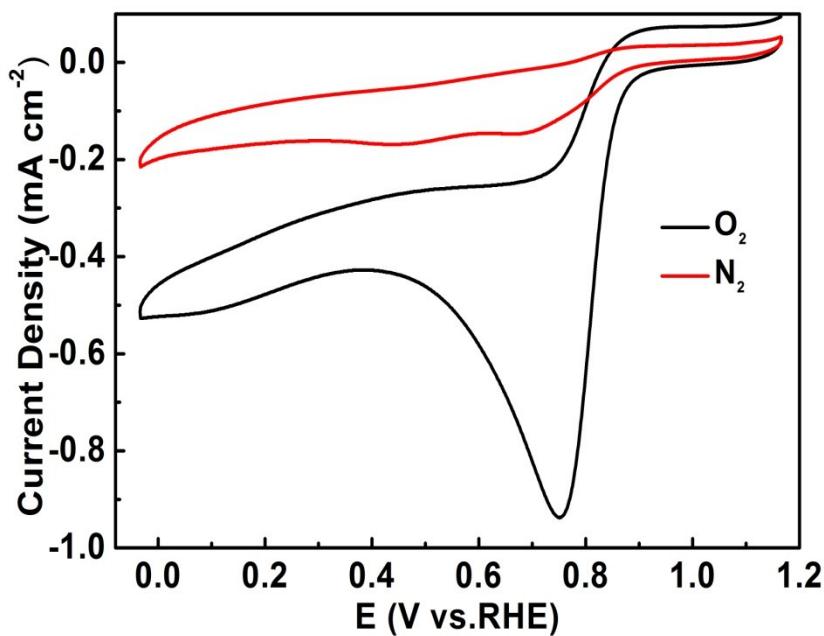


Figure S4. CV voltammograms of nanocomposite Au/CNTs (1: 2) in O_2 -saturated and N_2 -saturated 0.1 M KOH solution representatively.

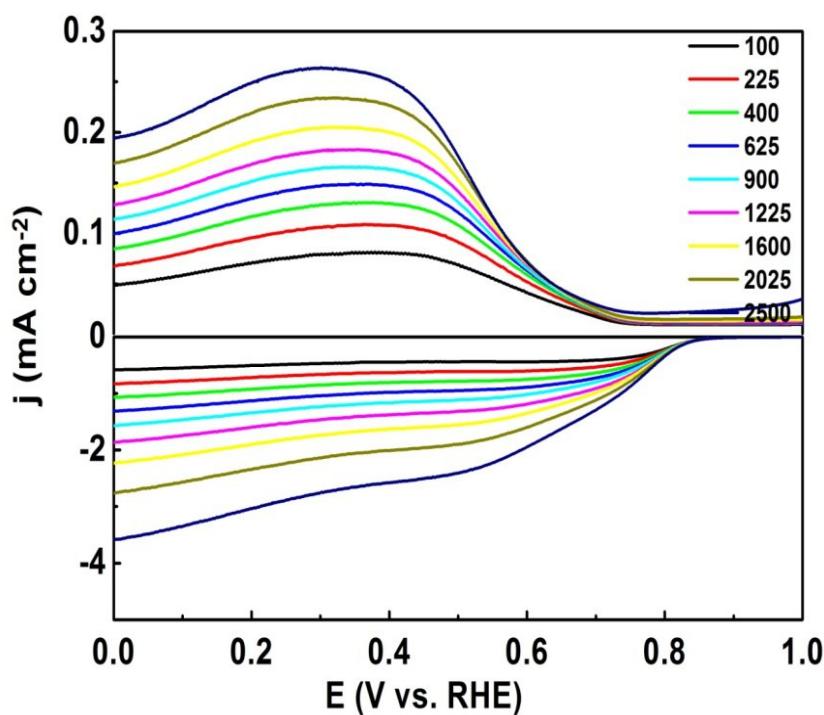


Figure S5. LSV curves for nanocomposite of Au/CNTs (1: 2) with different rotation rates.

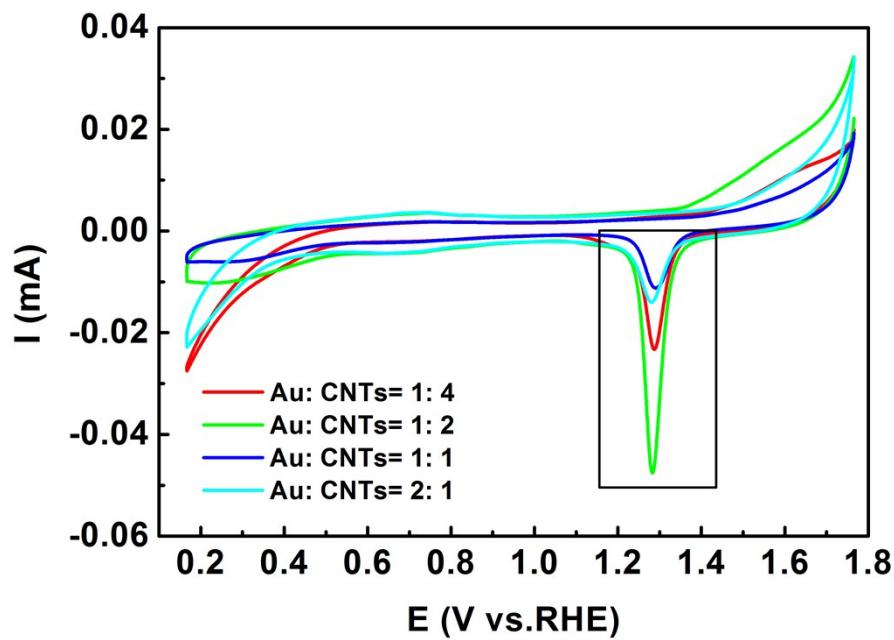


Figure S6. Cyclic voltammograms of Au/CNTs nanocomposites in N_2 -saturated 0.1 M $HClO_4$ solution at 25 °C (scan rate, 10 mV/s).

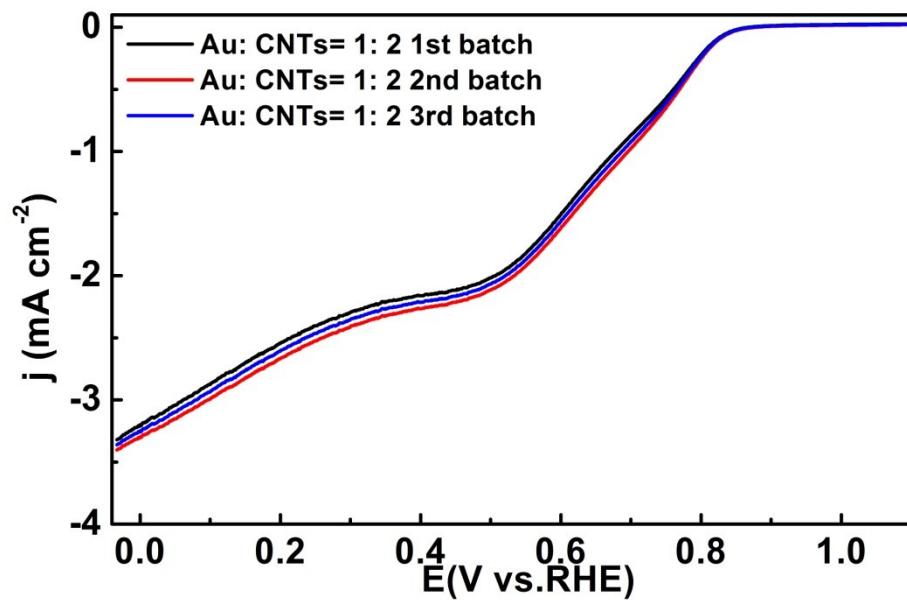


Figure S7. The LSV measurements of $Au/CNTs = 1: 2$ from different batches.