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Supporting information

When amine-based conducting polymers meet Au nanoparticles: Suppressing H_2 evolution and promoting the selective electroreduction of CO_2 to CO at low overpotentials

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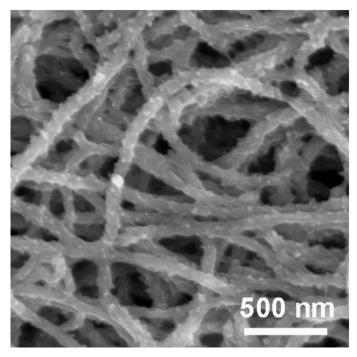


Figure S1. FE-SEM images of the PANI derived NCNFs.

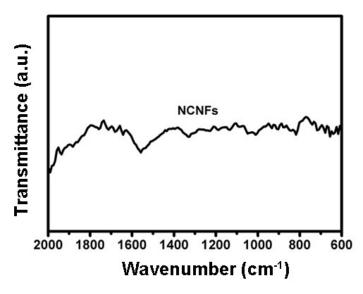


Figure S2. FTIR spectrum of the PANI derived NCNFs.

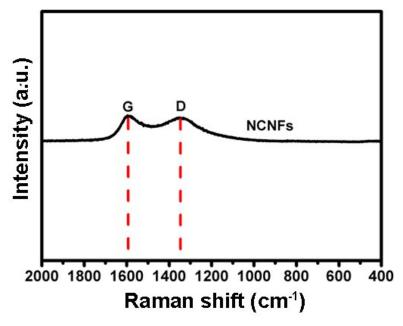


Figure S3. Raman spectrum of the PANI derived NCNFs before the CO₂RR.

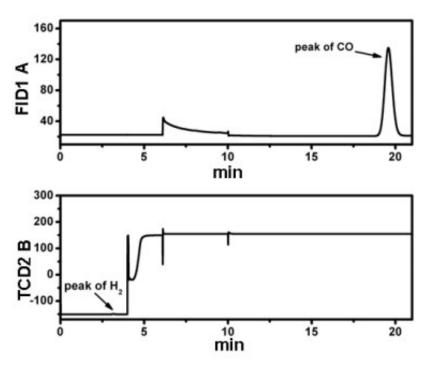


Figure S4. Reduction product tested by gas chromatography.

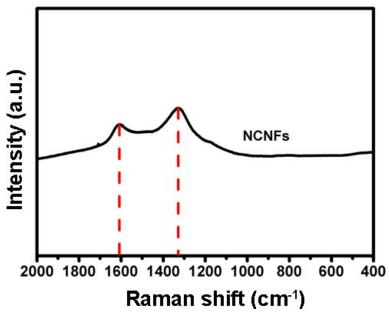


Figure S5. Raman spectrum of the NCNFs after the CO₂RR.