

Supplementary Materials

Cobalt doped carbon nitride frameworks obtained from calcined aromatic polyimines as cathode catalyst of anion exchanged membrane fuel cells

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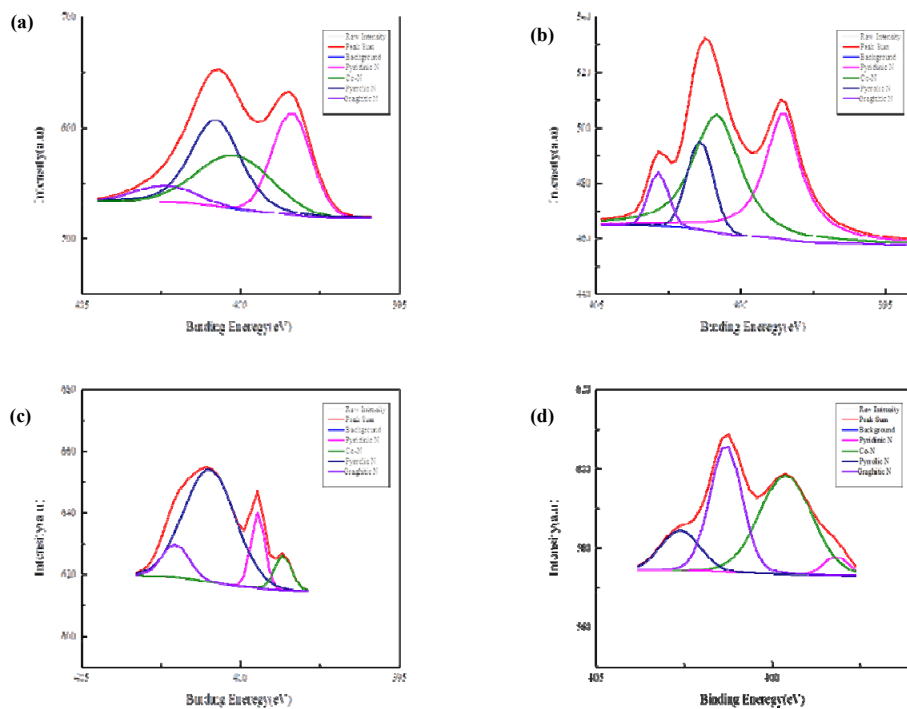


Figure S1. N_{1s} XPS of CoNC prepared at various temperatures (a) 700A600 (b) 800A700 (c) 900A800 (d) 1000A900.

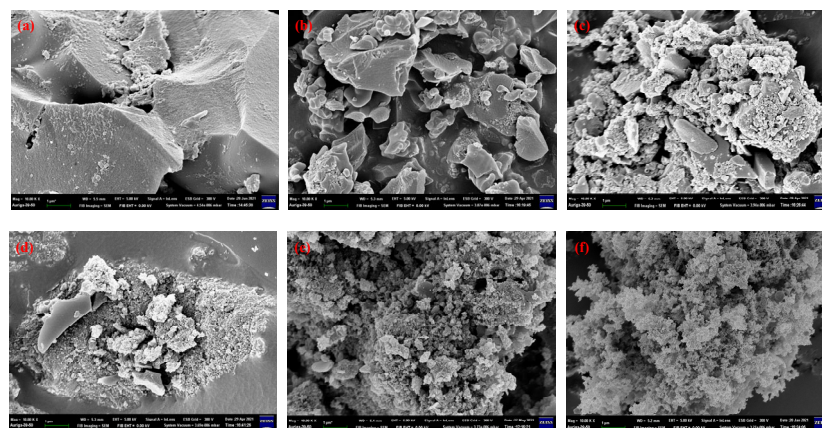


Figure S2. SEM micropictures of (a) APIM-1000 (b) CoNC 600A500 (c) CoNC 700A600 (d) CoNC 800A700 (e) CoNC 900A800 (f) CoNC 1000A900.

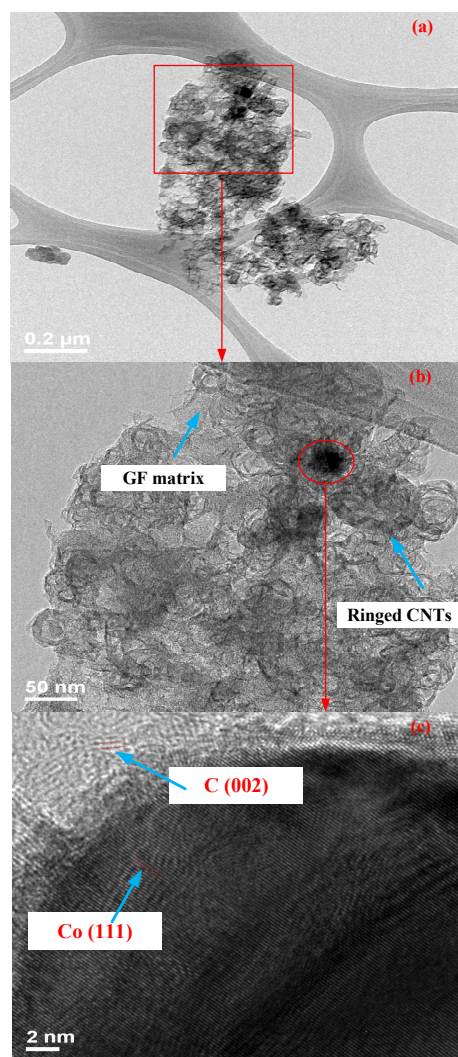


Figure S3. TEM micropictures of CoNC1000A900 taken at different magnifications.

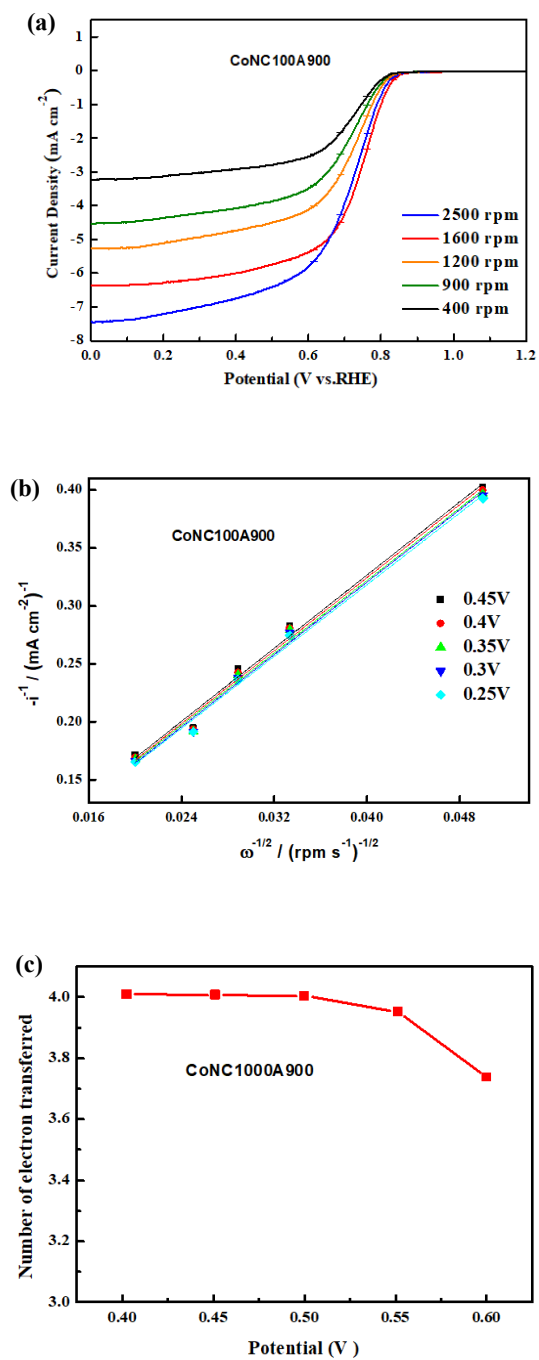


Figure S4. (a) LSV curves measured at different rpm (b) K-L lines calculated from LSV curves (c) numbers of transferred at cathode with different potentials.