

Supporting Information

A Novel Cathode Architecture Using Cu Nanoneedle arrays as Cathode Support for AAEMFC Application

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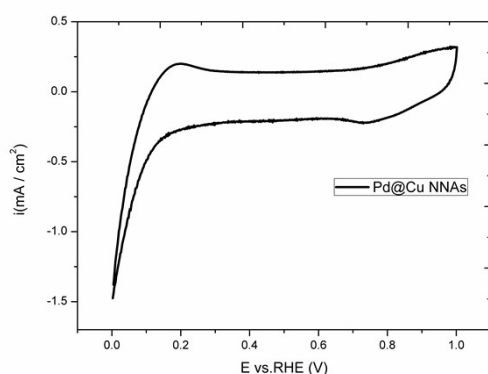


Fig. S1 CV trace of the Pd/Cu NNAs electrode.

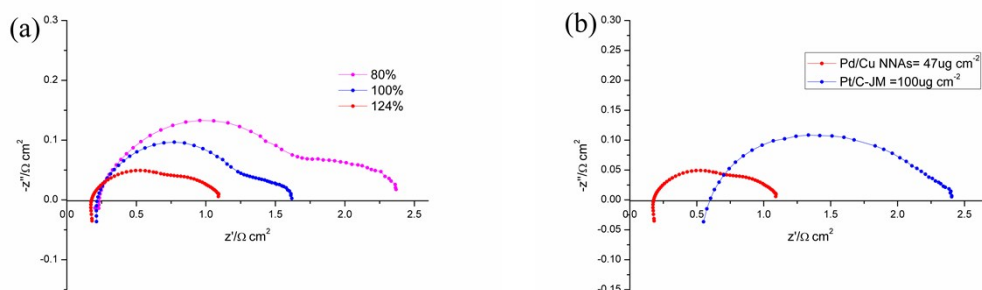


Fig. S2 (a) EIS comparison of Pd/Cu NNAs with different cathode inlet gas humidity, (b) EIS comparison of Pd/Cu NNAs with commercial Johnson Matthey 70% Pt/C catalyst (Pt loading of 100 $\mu\text{g}/\text{cm}^2$).