

Supporting information

**High Oxygen Reduction Activity on a Metal-Organic Framework
derived Carbon Combined with High Degree of Graphitization and
Pyridinic-N Dopants**

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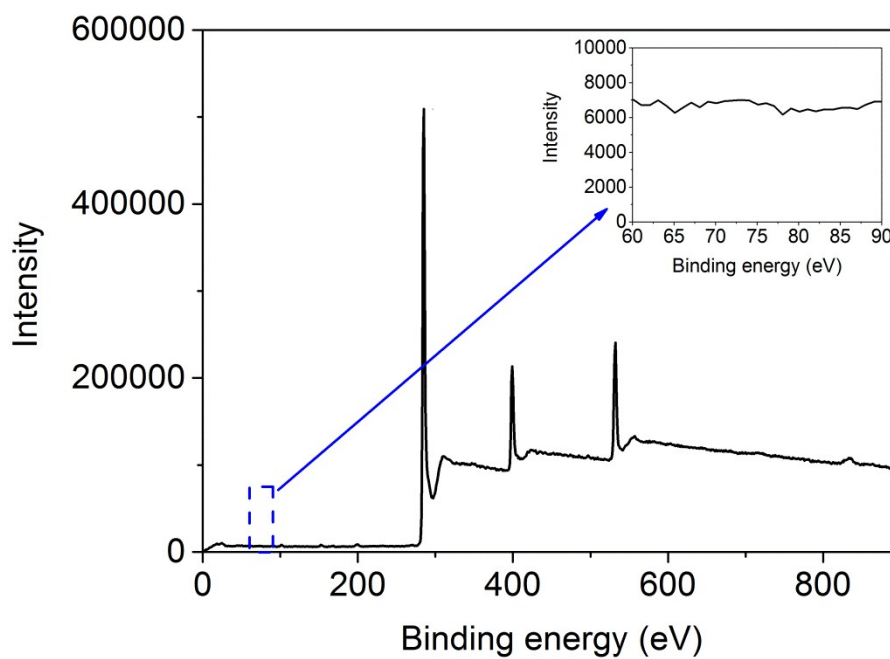


Fig. S1 Full scan spectra for PNPC-700 and magnified region between 60-90 eV (inset)

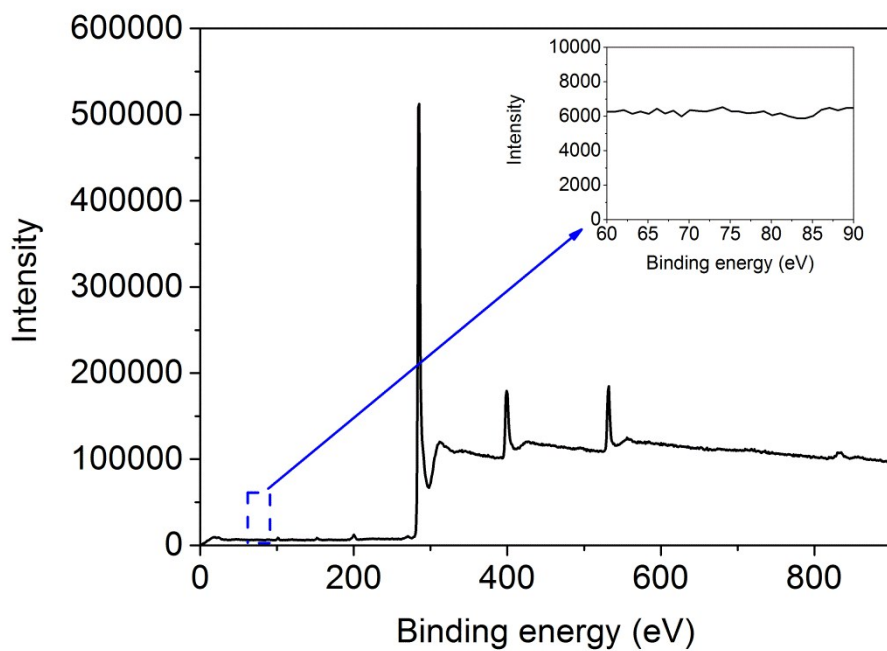


Fig. S2 Full scan spectra for PNPC-800 and magnified region between 60-90 eV (inset)

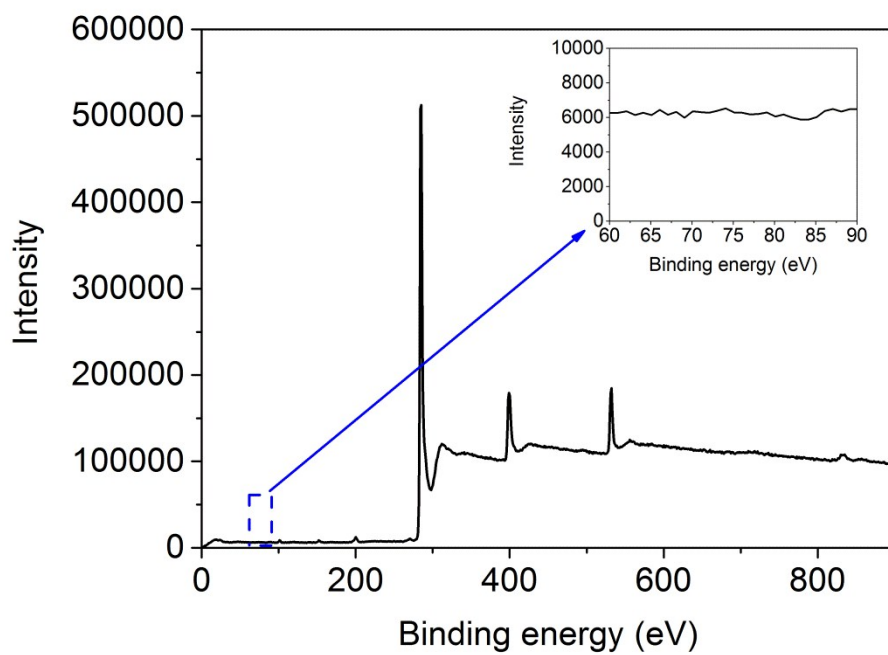


Fig. S3 Full scan spectra for PNPC-900 and magnified region between 60-90 eV (inset)

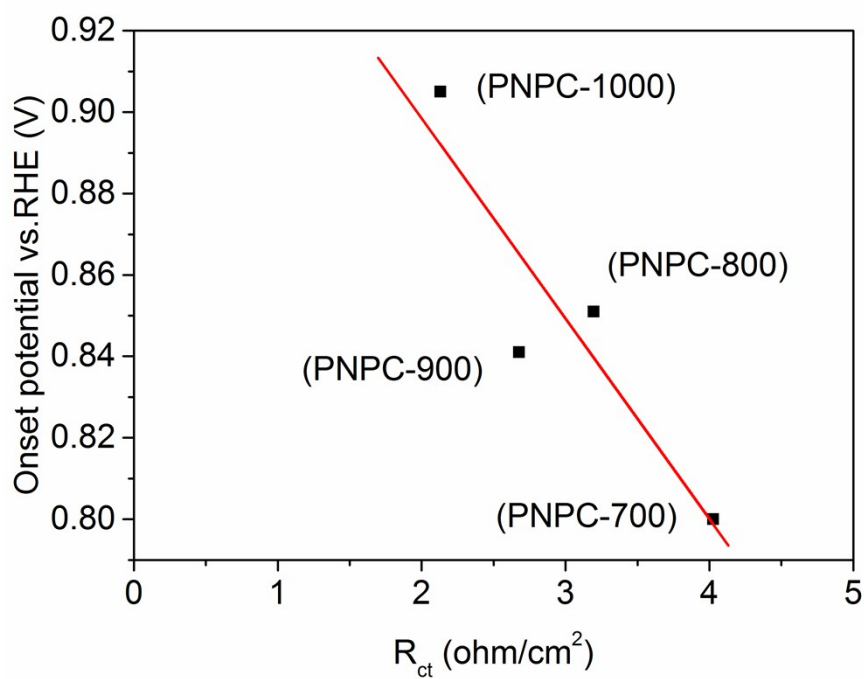


Fig. S4 The plot of onset potential versus R_{ct} for PNPCs. (The on-set potential was obtained from the LSV curves showed in Fig. 2b)

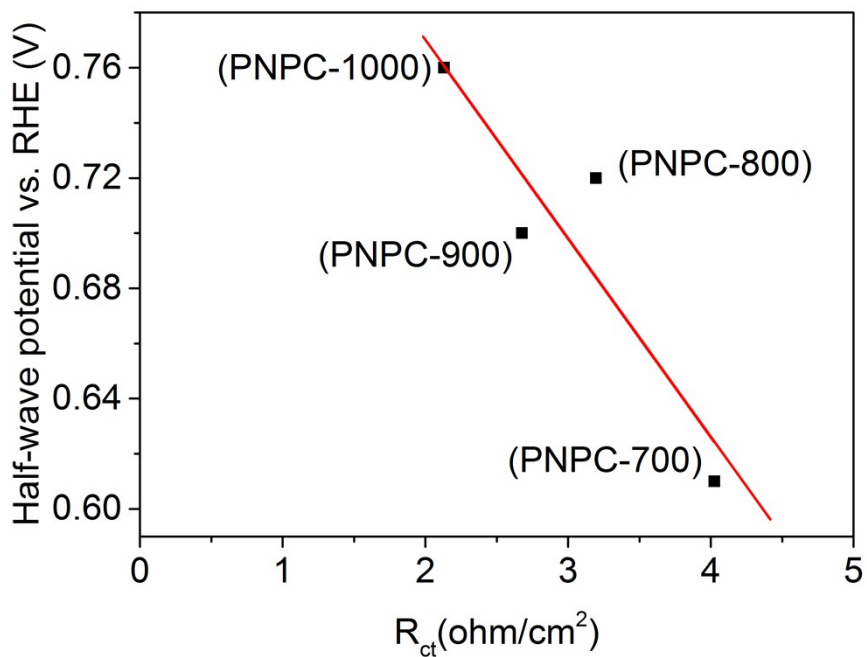


Fig. S5 The plot of half-wave potential versus R_{ct} for PNPCs. (The half-wave potential was obtained from the LSV curves showed in Fig. 2b)

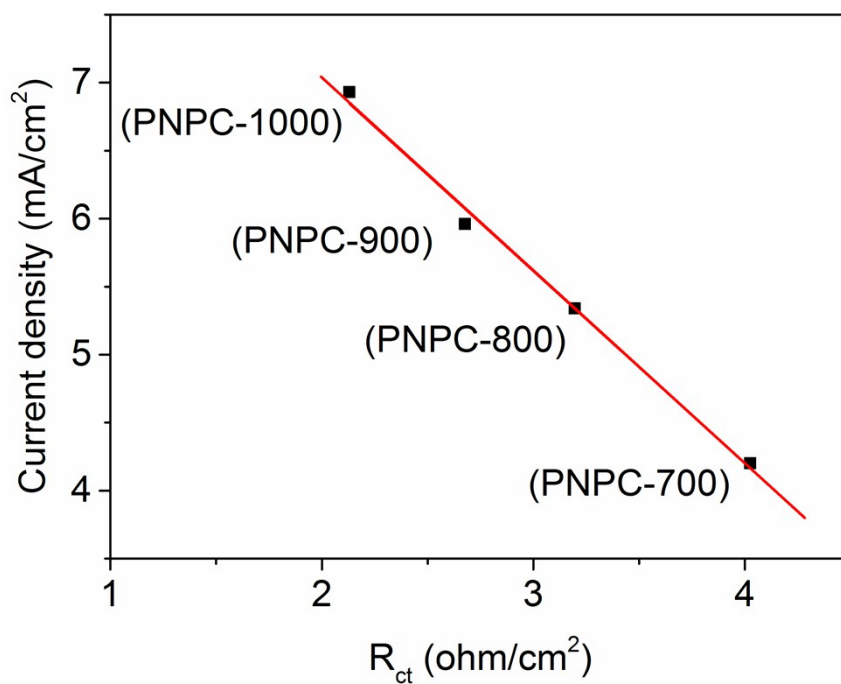


Fig. S6 The plot of diffusional-limited current density versus R_{ct} for PNPCs. (The diffusion limited current density was obtained from the LSV curves showed in Fig. 2b)