

Supporting information

Facile synthesis of nitrogen and fluorine co-doped carbon material as efficient electrocatalyst for the oxygen reduction reaction in air-cathode microbial fuel cells

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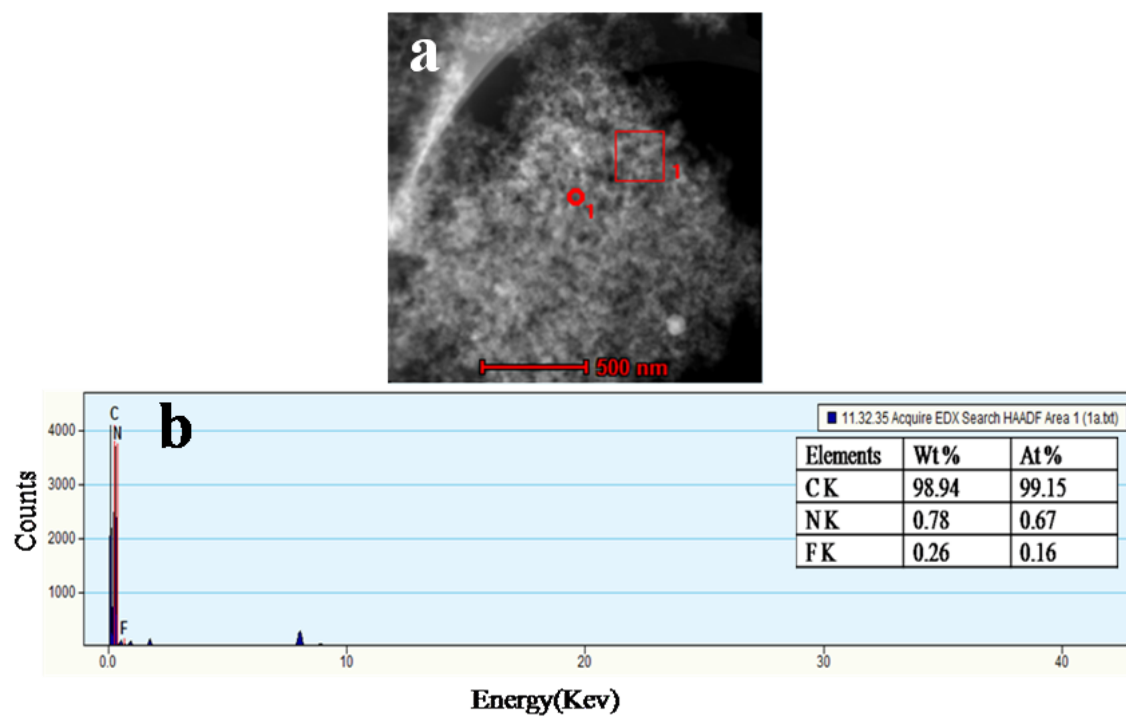


Fig.S1.TEM image (a) and EDX spectrum (b) of the as-prepared BP-NF.

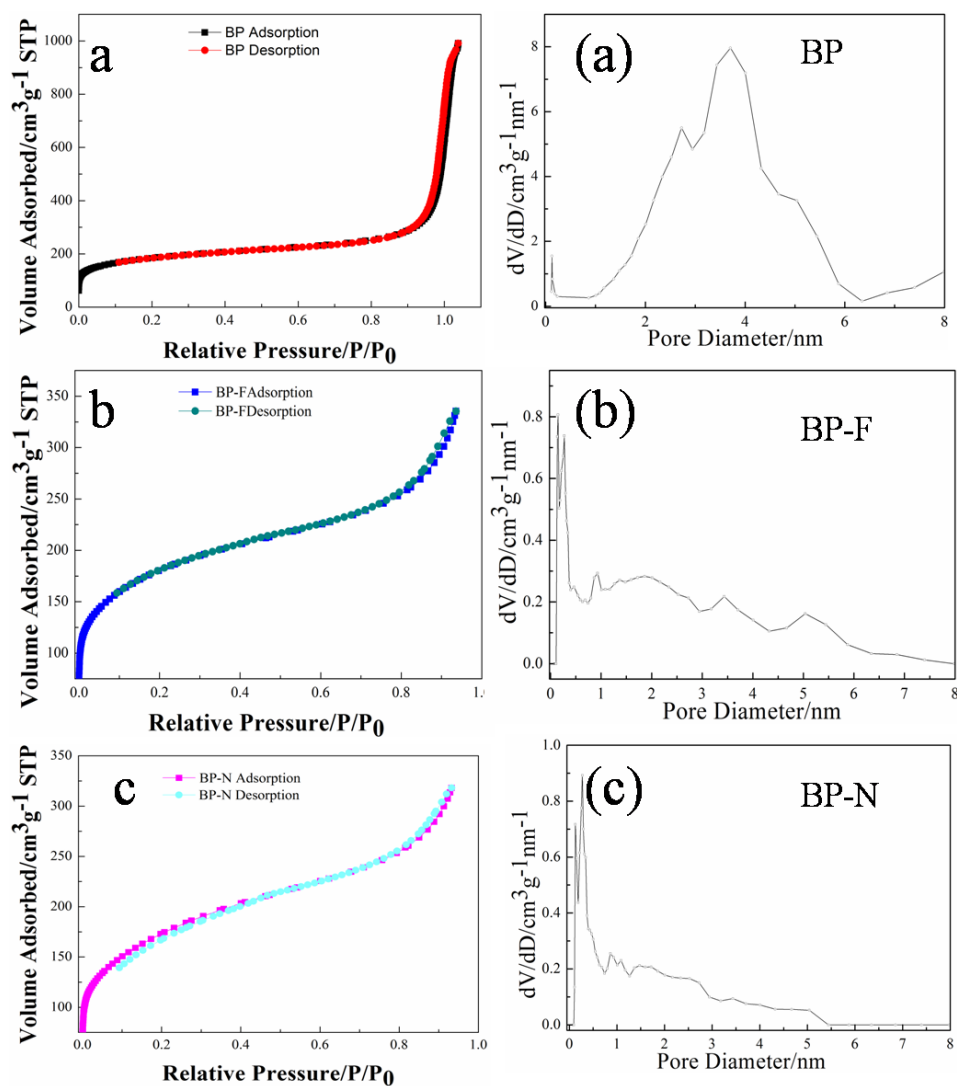


Fig.S2. N₂ desorption and adsorption isotherms of BP-2000 a, BP-F b and BP-N c;
Pore size distributions of BP-2000 (a), BP-F (b) and BP-F (c).

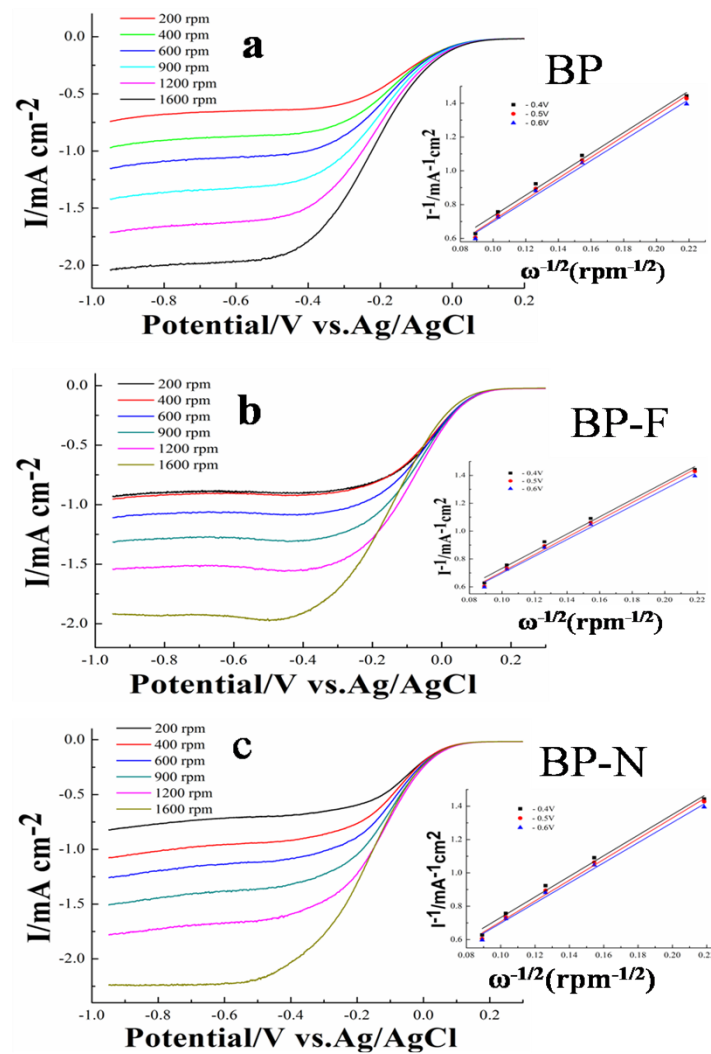


Fig.S3. LSVs for BP-2000, BP-N and BP-F in O₂-stured neutral medium at various rotation speeds with scan rate of 5 mV/s. Insets: K-L plots at different potentials.