

Supplementary Information

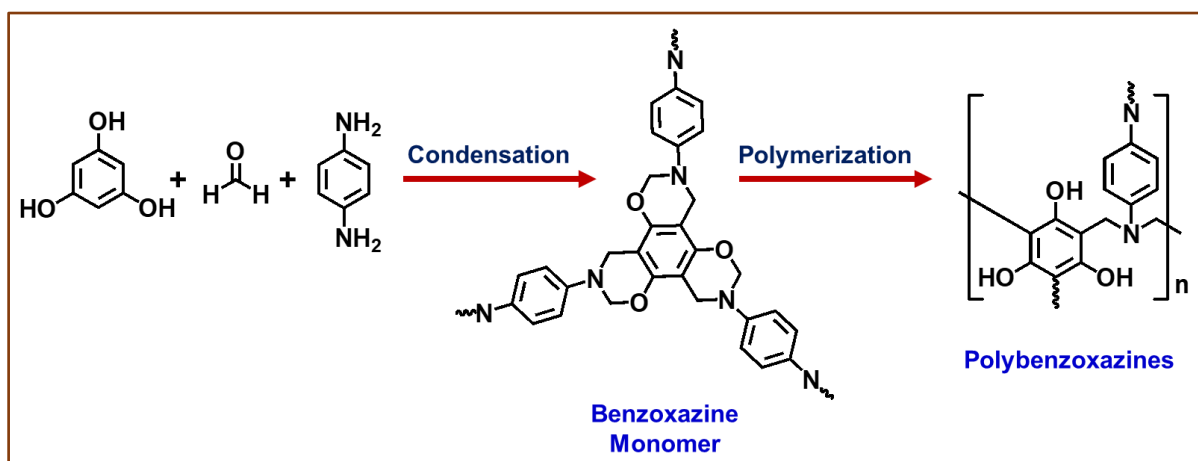
Multifunctional B/N/O-co-doped porous spherical carbons to achieve superior capacitive performance with OER activity

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Scheme S1. Condensation reaction leading to the formation of **PFP** polymer.

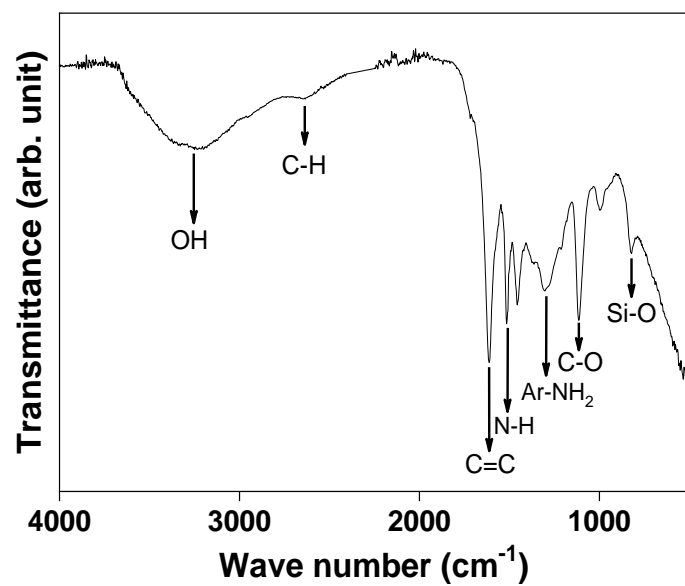


Figure S1. FT-IR spectrum of PFP@Si.

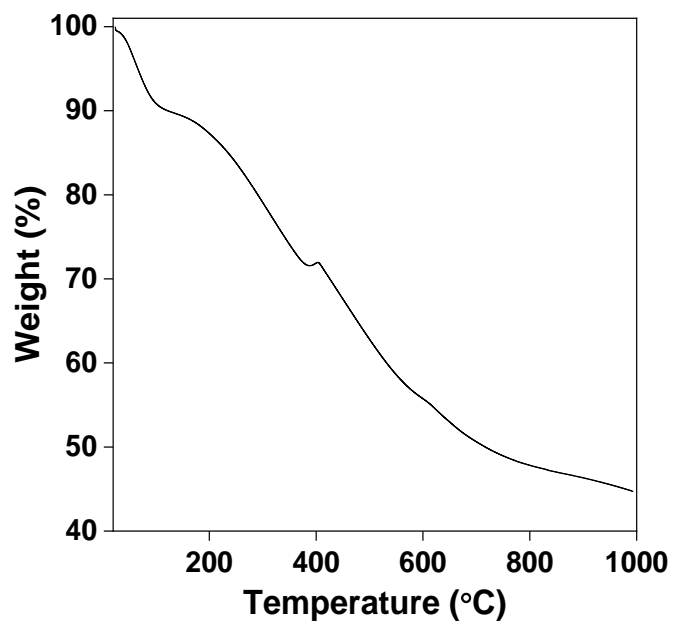


Figure S2. Thermogravimetric analysis of PFP@Si.

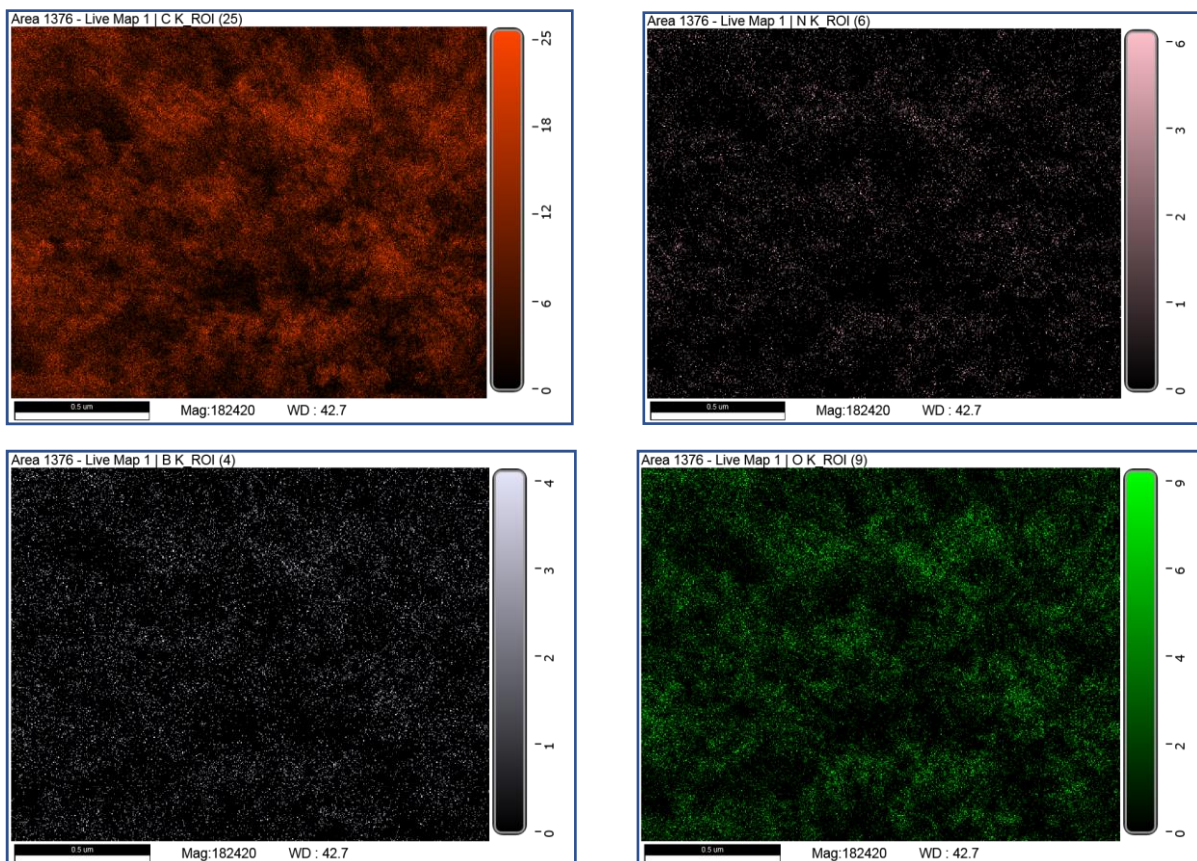


Figure S3. Elemental mapping images of CFP-1/1.

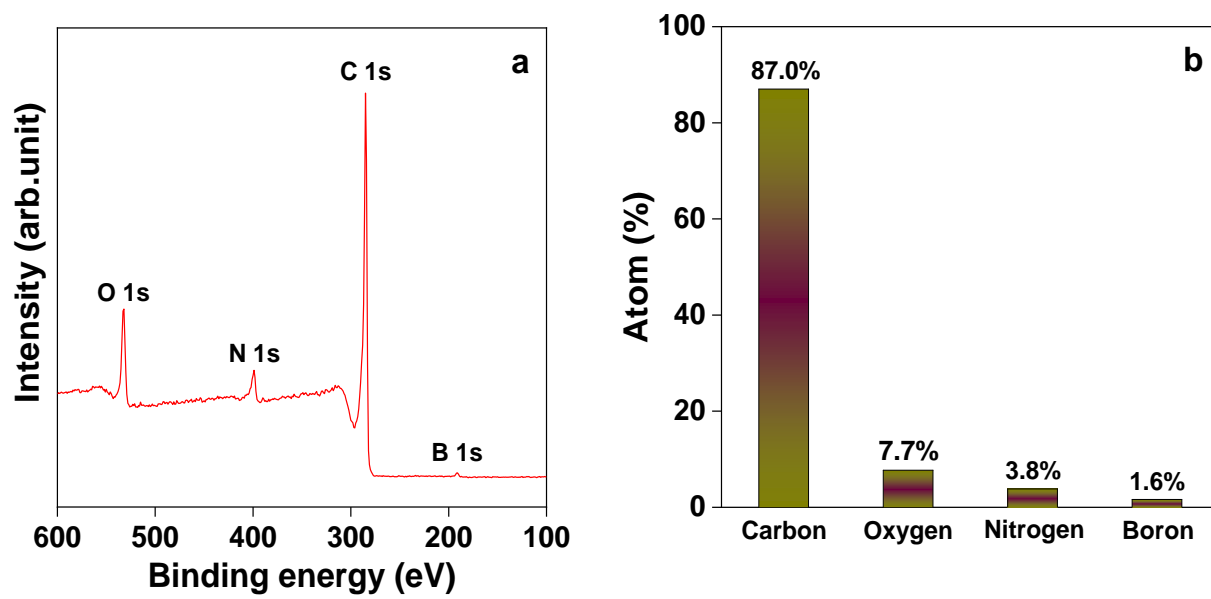


Figure S4. (a) XPS survey spectrum of CFP-1/1 and (b) elemental content in percent.

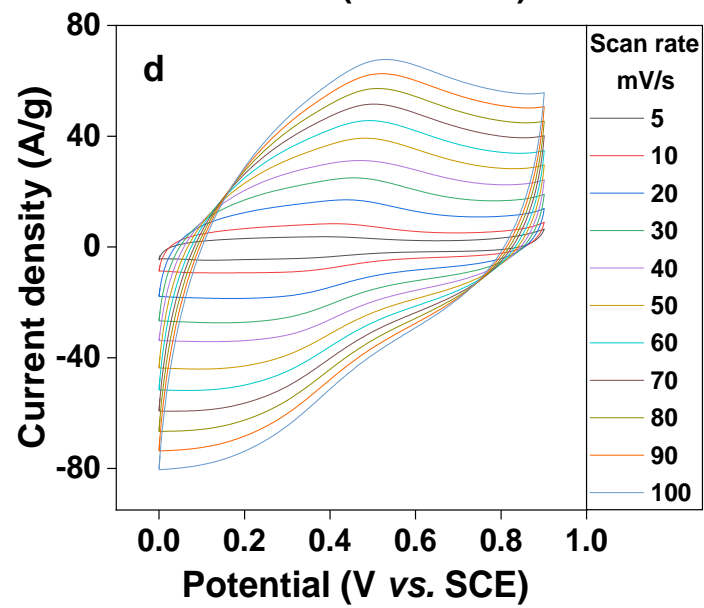
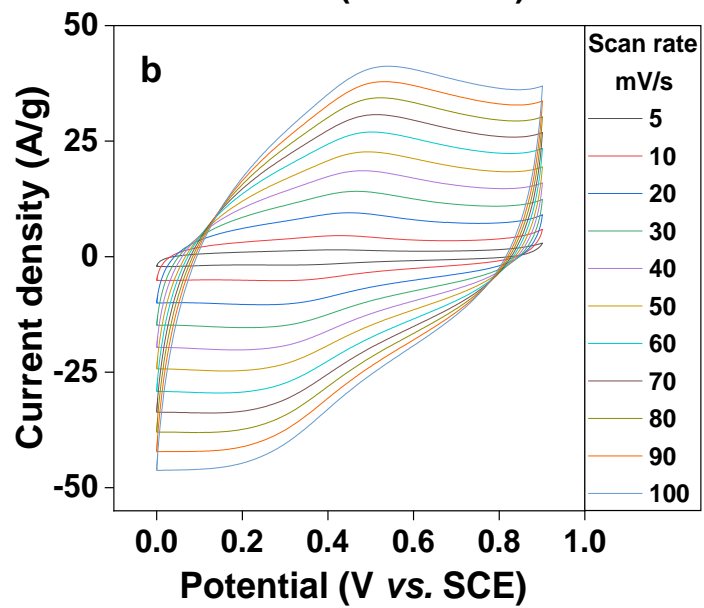
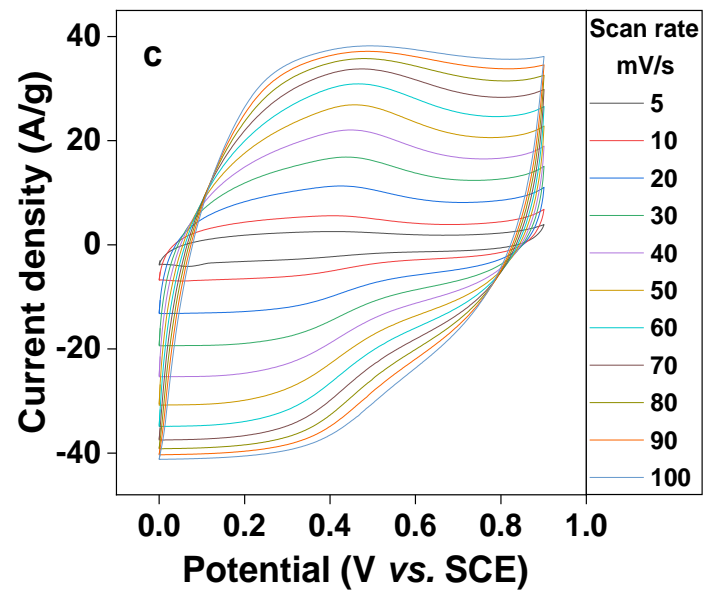
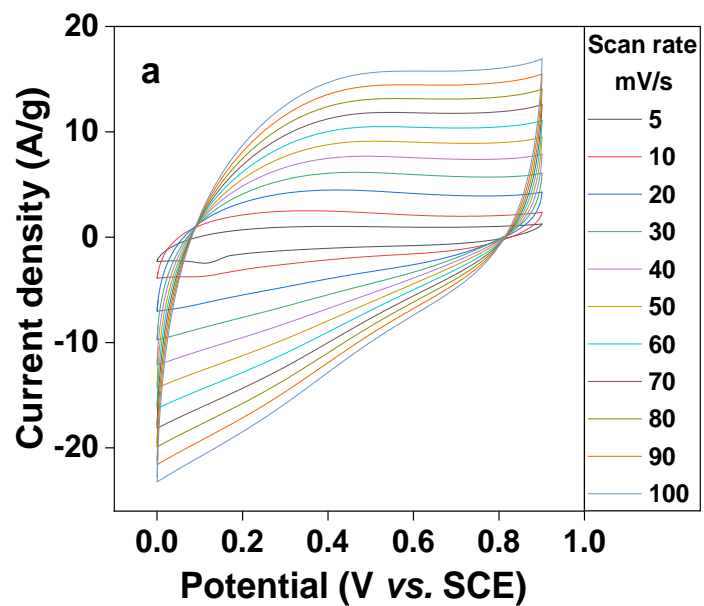


Figure S5. Cyclic voltammograms of (a) CFPF-1/0, (b) CFPF-3/1, (c) CFPF-2/1 and (d) CFPF-1/1 in 1 M H₂SO₄ at 5 to 100 mV/s scan rate.