

Supporting Information

A New COF Linked by Ether Linkage (-O-): Synthesis, Characterization and Application in Supercapacitance

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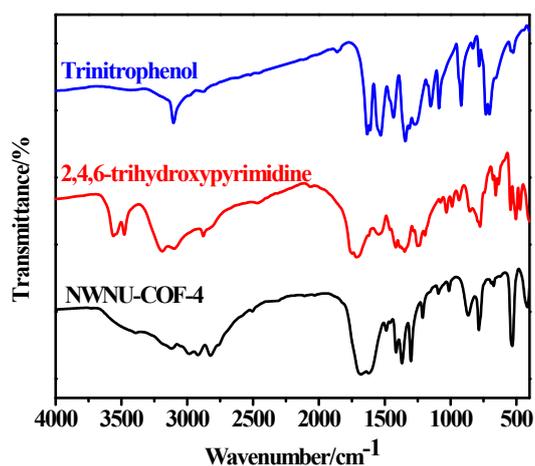


Figure S1 The FT-IR spectra of NWNu-COF-4. **Blue curve:** trinitrophenol; **red curve:** 2,4,6-trihydroxypyrimidine; **black curve:** NWNu-COF-4.

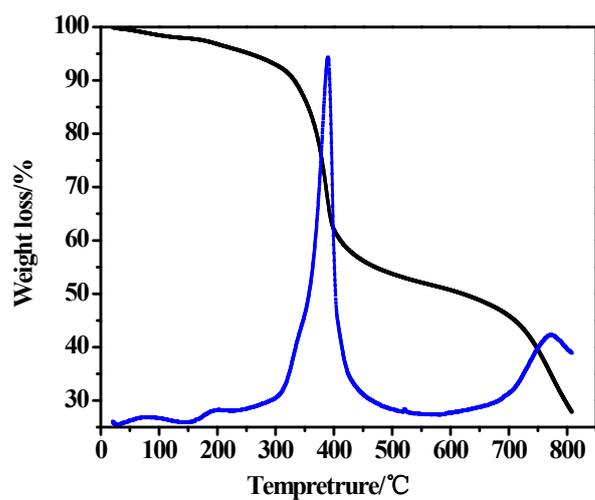


Figure S2 The TGA curve of NWNu-COF-4 (Black), and the DTG curve (Blue).

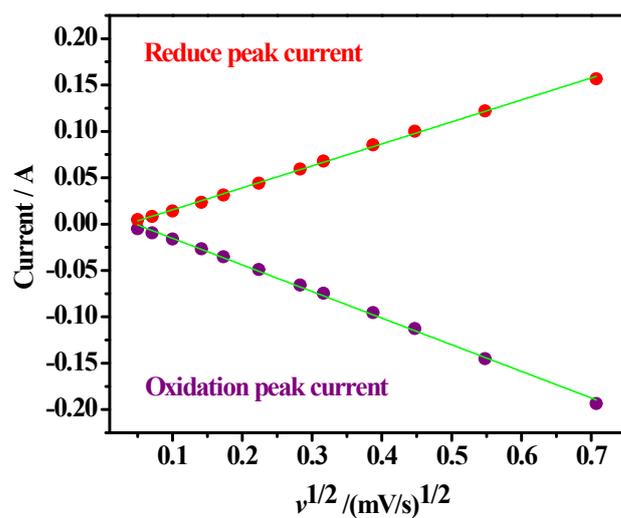


Figure S3 The linear relationship between redox peak current and the square root of scan rate (v) of NWNu-COF-4 within the potential window of 0 V ~ 0.5 V.

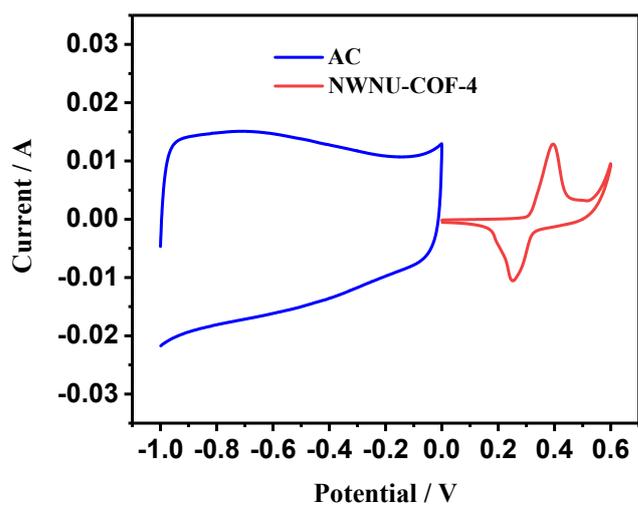


Figure S4 CV curves of AC and NWNu-COF-4 electrodes at a scan rate of $30 \text{ mV}\cdot\text{s}^{-1}$ in a three-electrode system

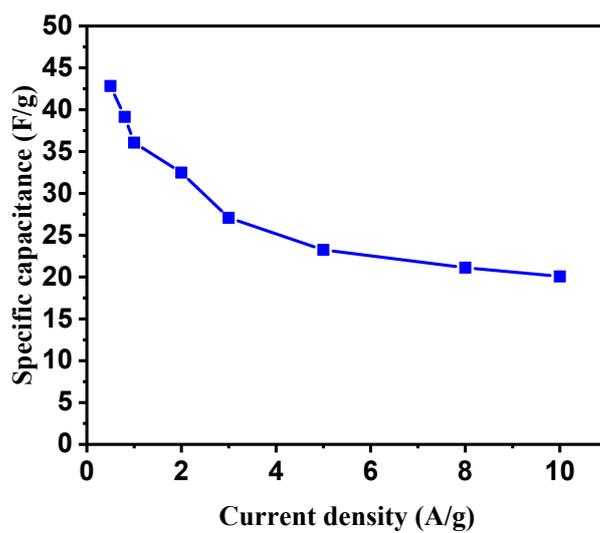


Figure S5 the specific capacitance of the two-electrode cell at different current densities