

Electronic Supplementary Information (ESI) for

**Porous dimanganese trioxide microflowers derived from microcoordinations for
flexible solid-state asymmetric supercapacitors**

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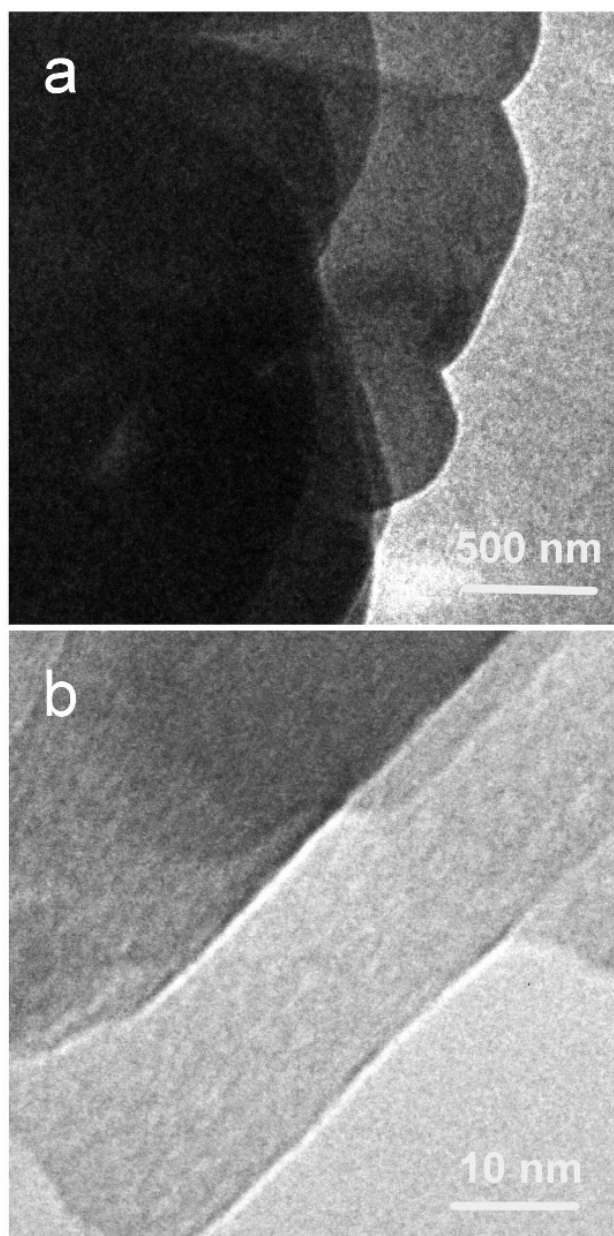


Figure S1. TEM image of as-prepared Mn (II) 8-hydroxyquinoline coordination flowers.

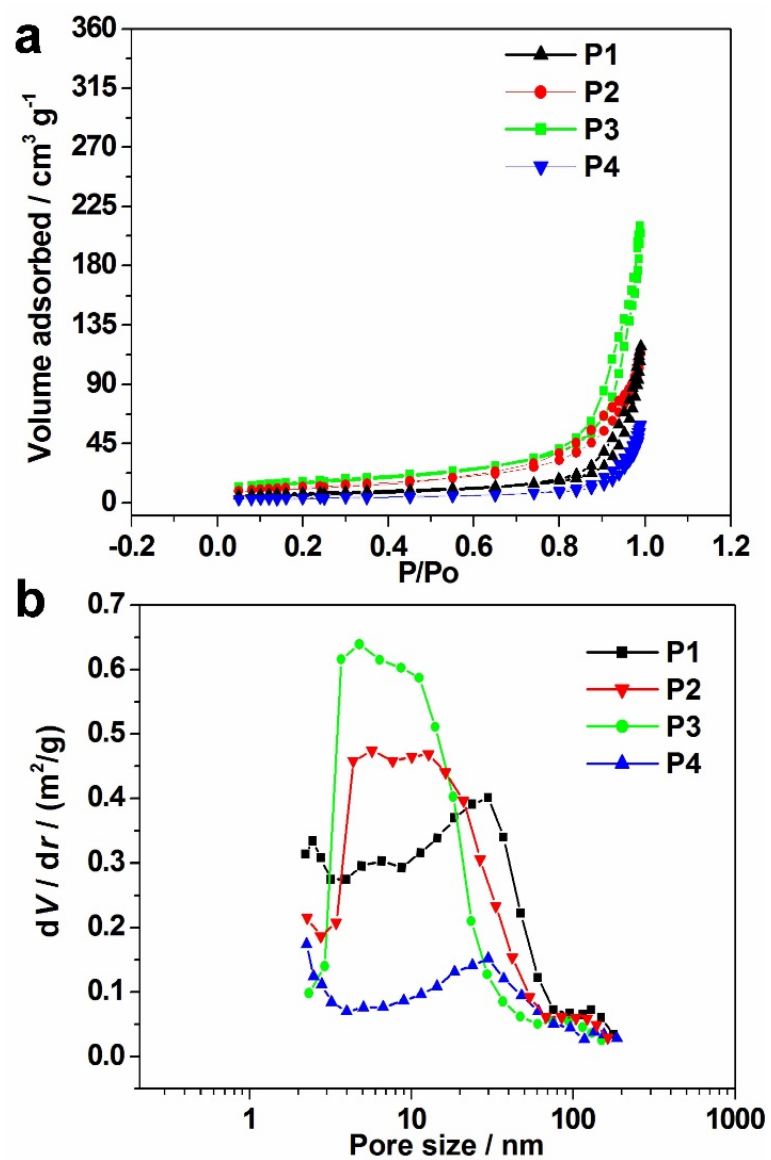


Figure S2. a) N_2 adsorption-desorption isotherm, b) The BJH pore size distribution plot.

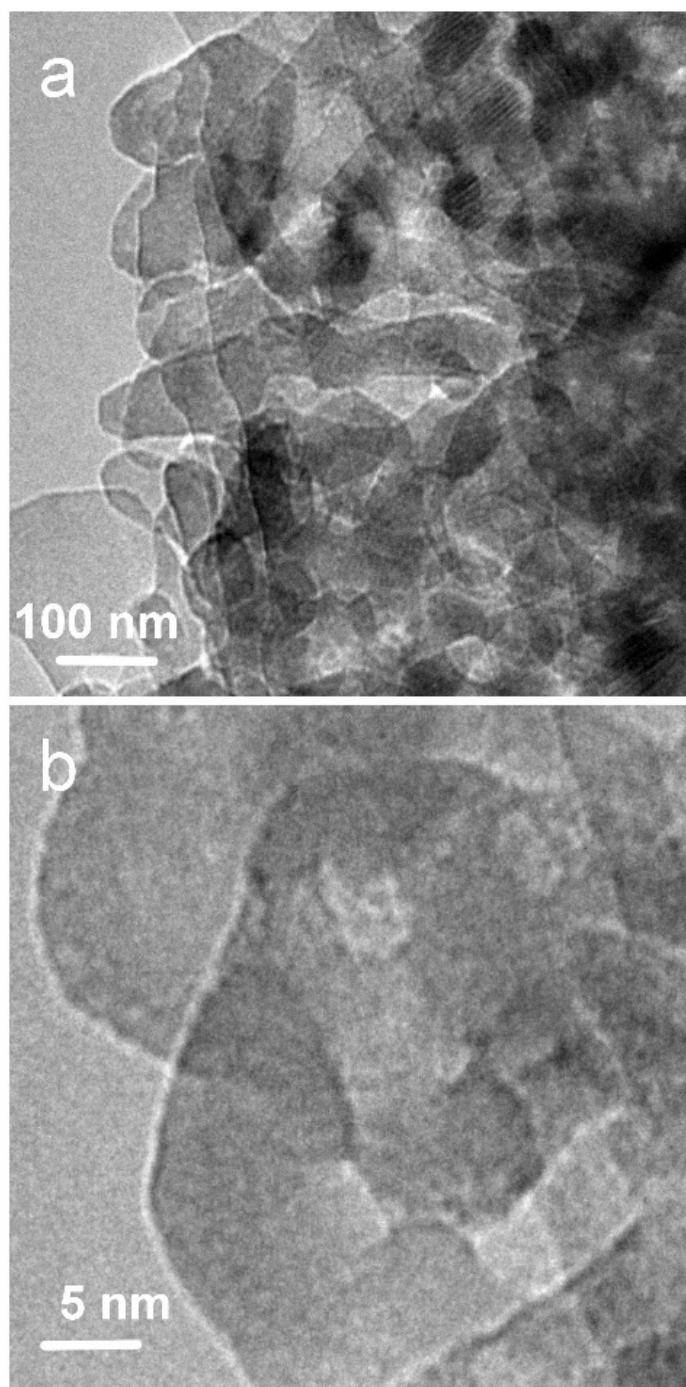


Figure S3. TEM images of samples after the 4000 cycling test for the P3 electrodes.

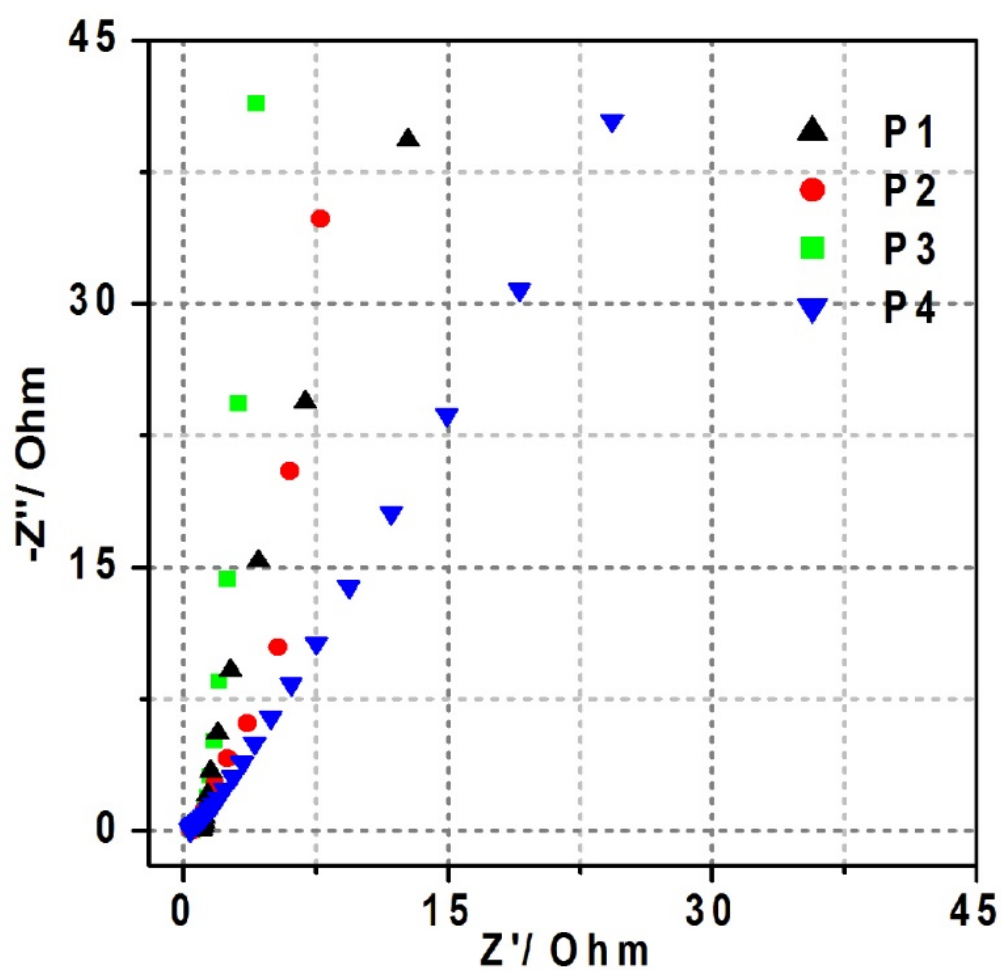


Figure S4. The EIS spectra of as-prepared electrodes at room temperature in the frequency range 0.01-10⁵ Hz under open-circuit conditions.

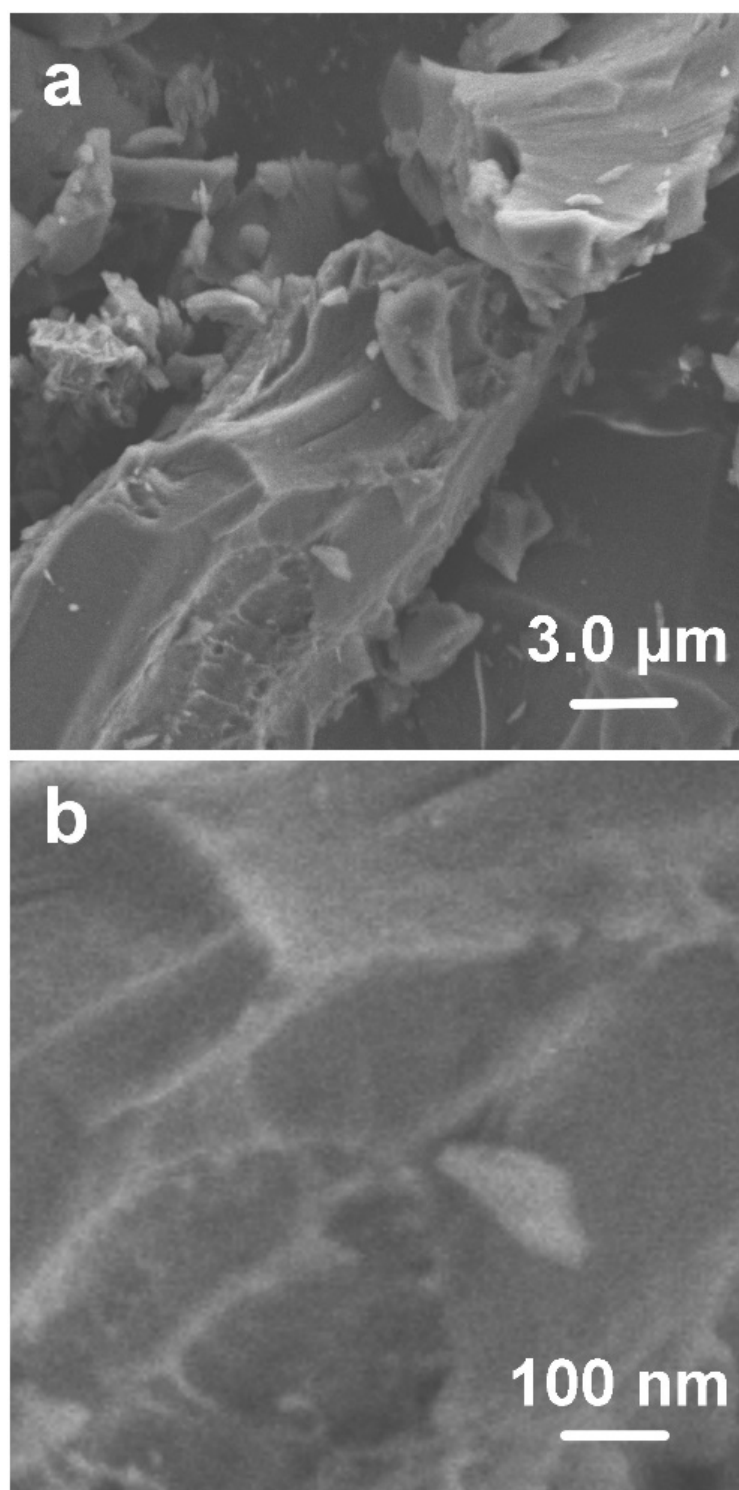


Figure S5. SEM images of activated carbon.

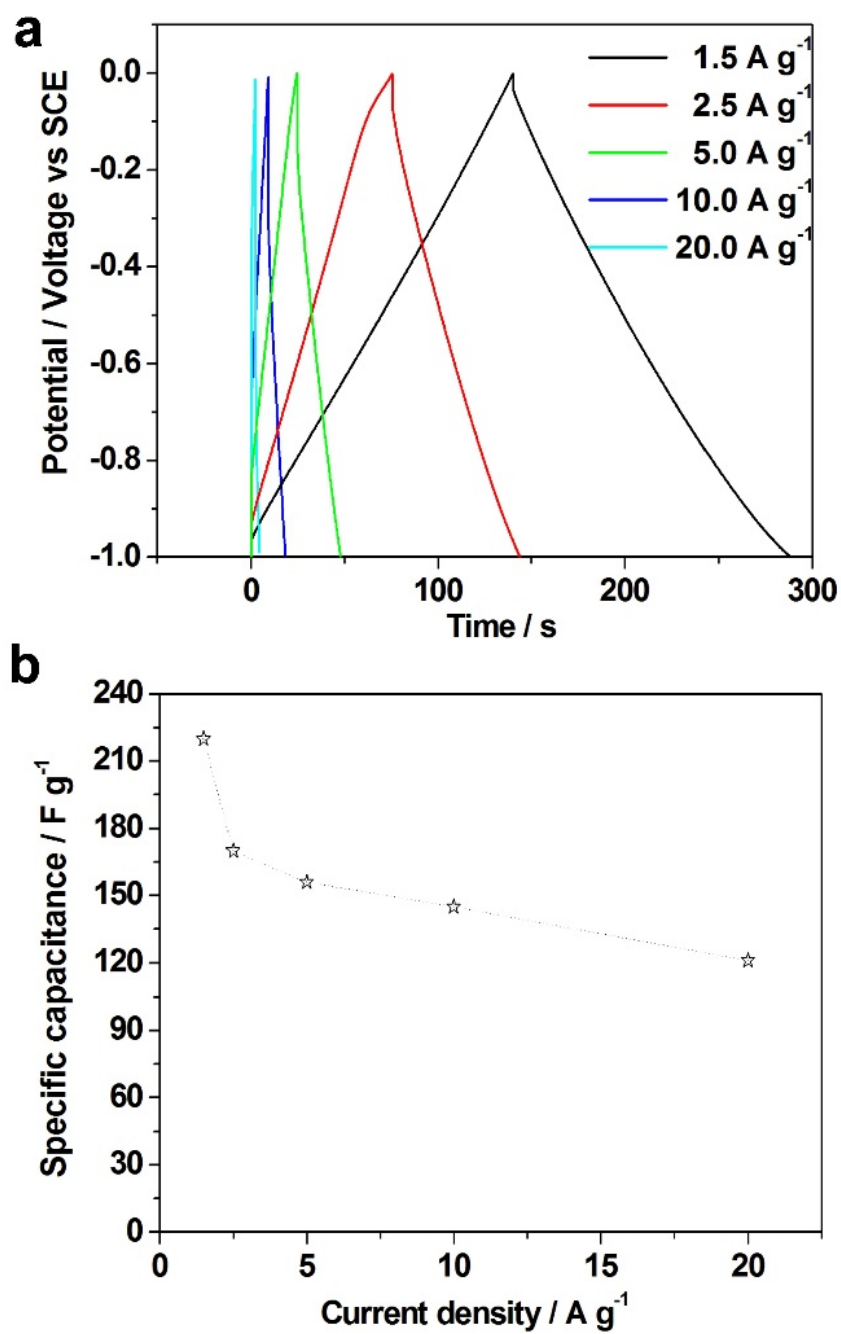


Figure S6. Activated carbon electrode in 1.0 M Na₂SO₄ solution: a) CP curves with different current densities; b) Specific capacitance calculated based on the discharge curve.

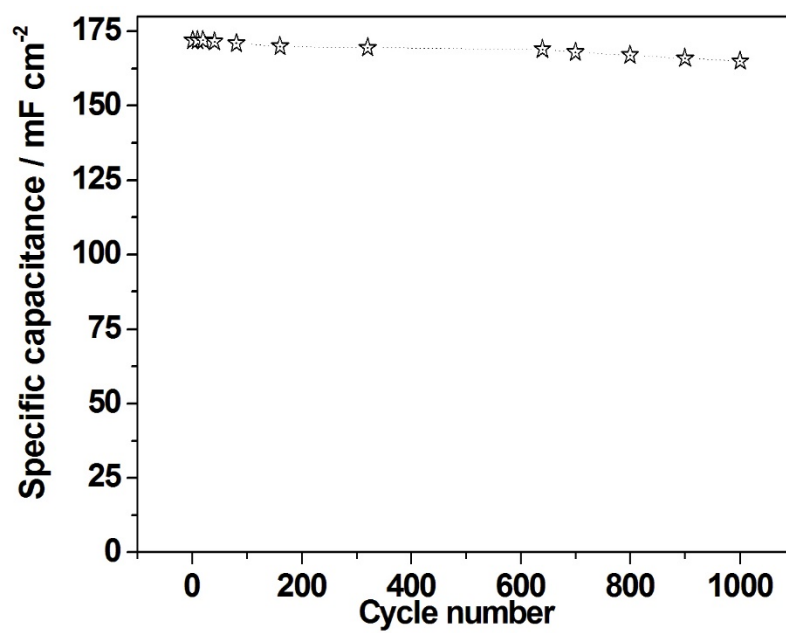


Figure S7. The mechanical stability (1000 cycles of bending 90°) of the P3//Activated carbon flexible solid-state asymmetric supercapacitor.