

Supplementary Information

**Carboxymethylcellulose ammonium-derived nitrogen-doped
carbon fibers/molybdenum disulfide hybrids for high-
performance supercapacitor electrodes**

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The SEM images of CMC-NH₄ and CMC-NH₄/MoS₂ (Which is shown in next page)

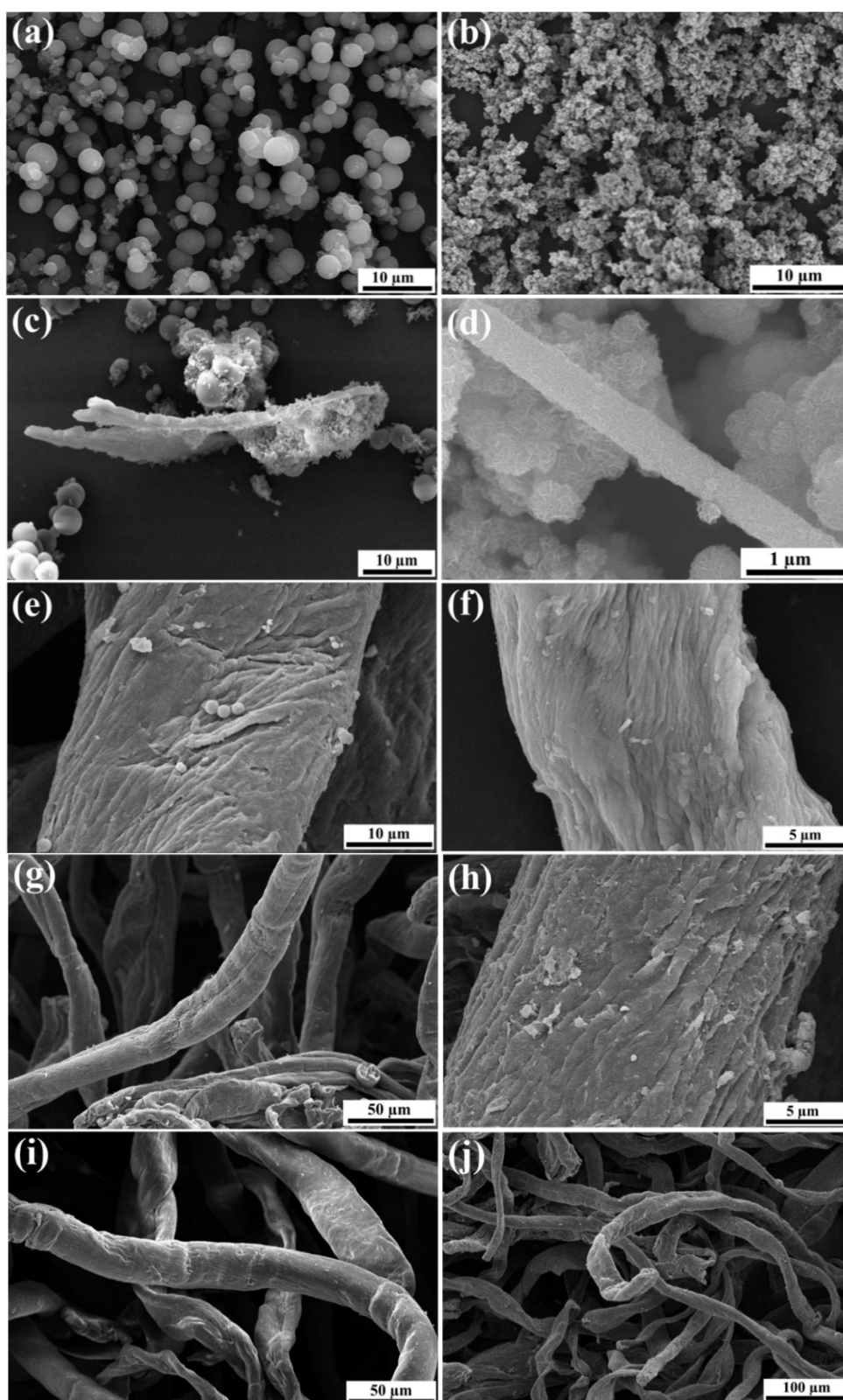


Fig. S1 SEM images of CMC-NH₄ after solvothermal treatment with ethanol solution concentrations of (a) 0%, (c) 25%, (e) 50%, (g) 75%, (i) 100%; and CMC-NH₄/MoS₂ prepared by solvothermal reaction at ethanol solution concentrations of (b) 0%, (d) 25%, (f) 50%, (h) 75%, (j) 100%.

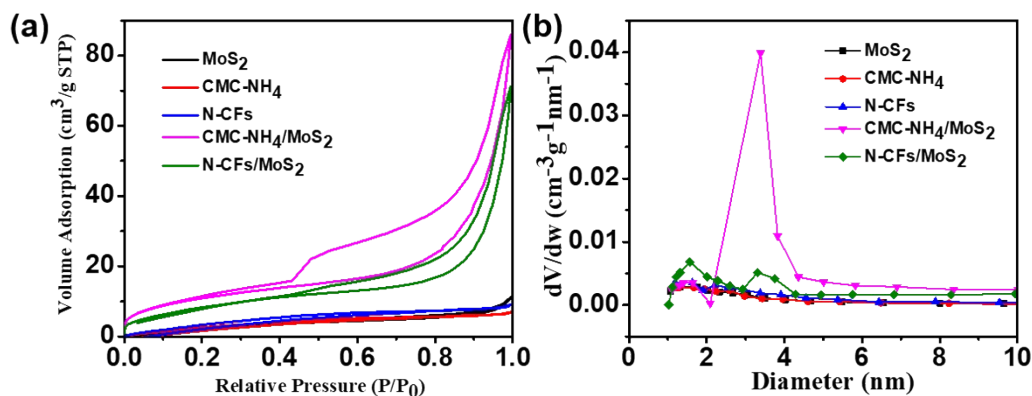


Fig. S2 N₂ adsorption/desorption isotherms and BJH pore size distribution curves of samples.

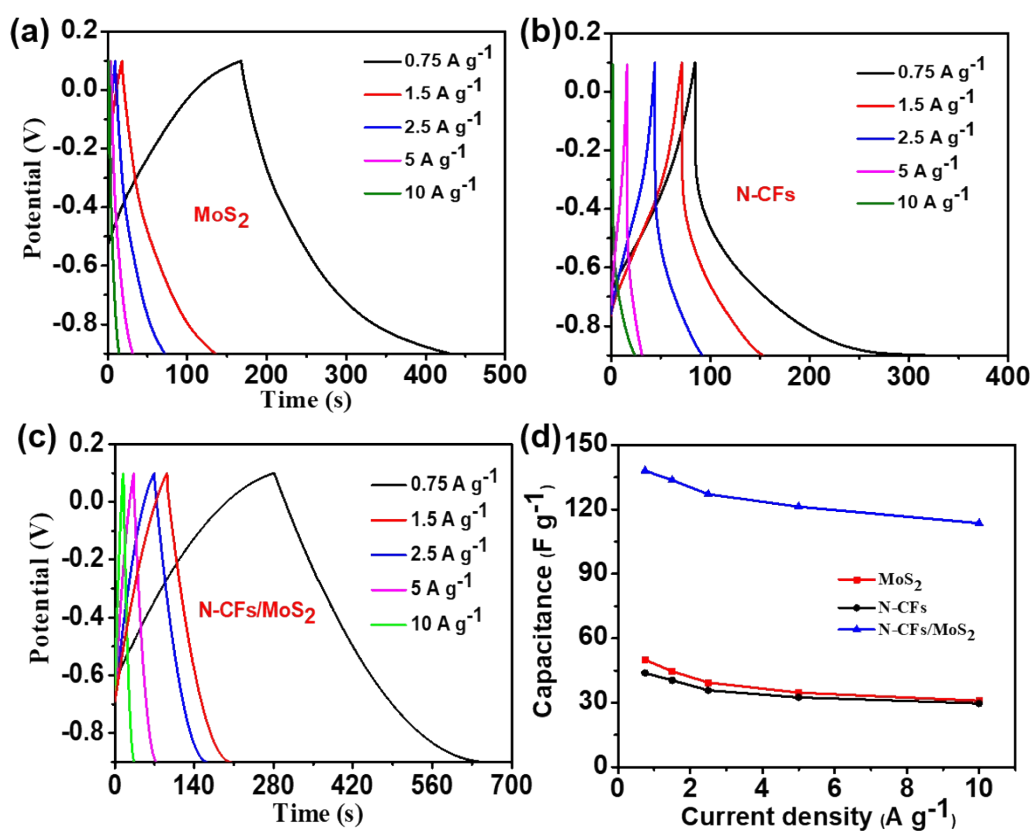


Fig. S3 Typical GCD curves of the (a) pure MoS₂, (b) N-CFs, and (c) N-CFs/MoS₂ hybrids based symmetric supercapacitors at different current densities. (d) The specific capacitance of the symmetric supercapacitors at different current densities.