

**MOF-derived 3D hierarchical nanoarrays consisted of NiCoZn-S nanosheets
coupled with granular NiCo₂S₄ nanowires for high-performance hybrid
supercapacitors**

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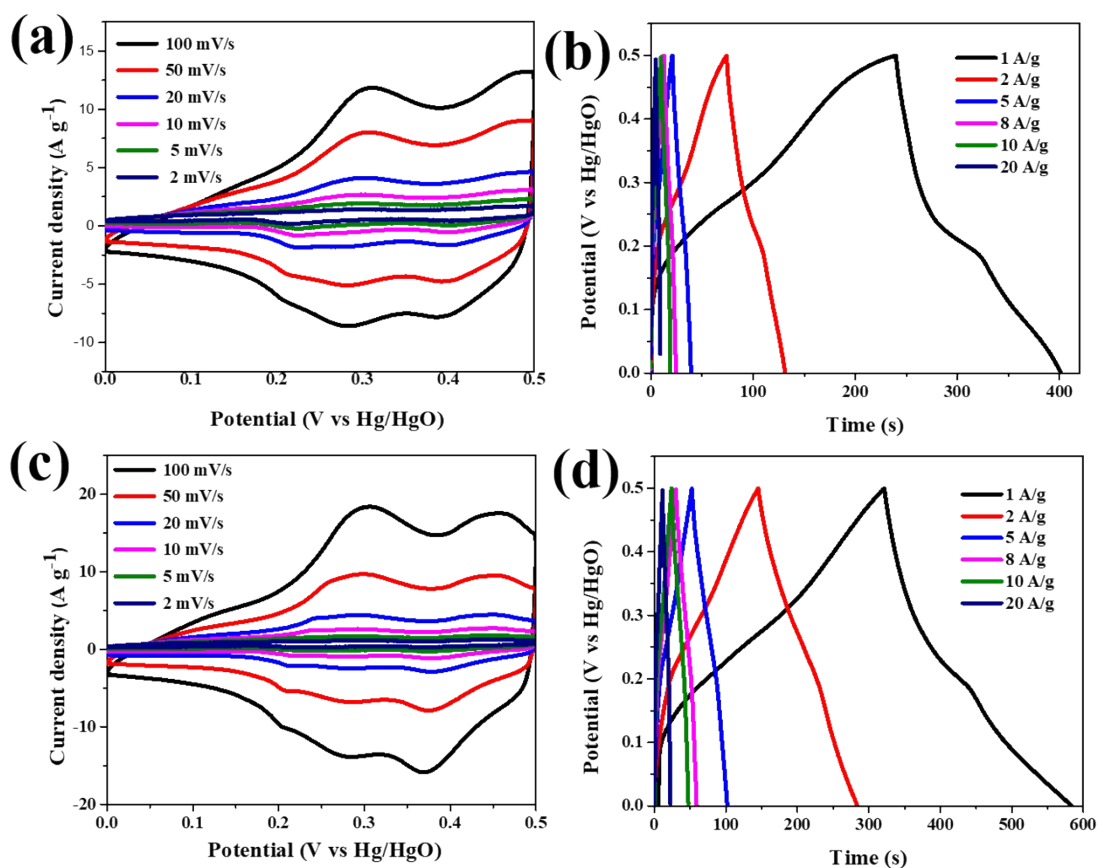


Figure S1. (a, b) The CV and GCD curves of the CF@NiCoZn-CH. (c, d) The CV and GCD curves of CF@NiCoZn-CH/NiCo-CH.

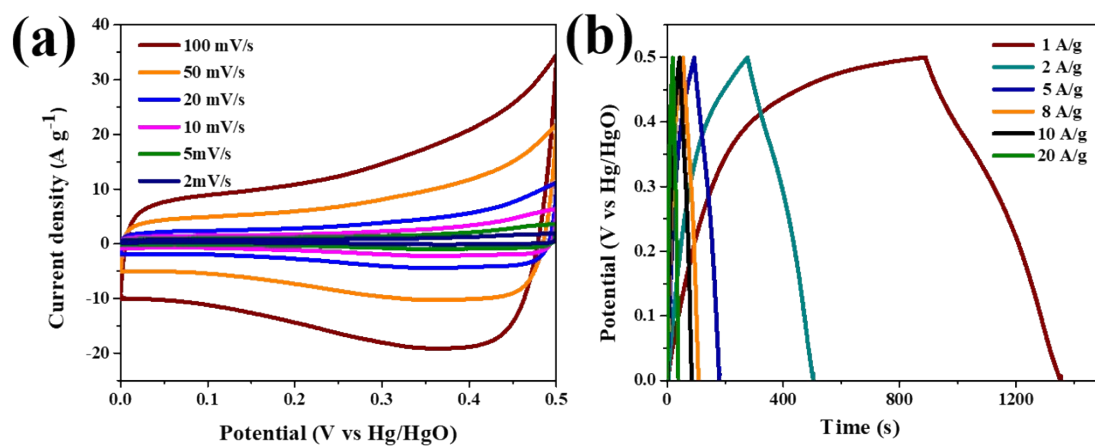


Figure S2. (a) The CV and (b) GCD curves of CF@NiCoZn-O/NiCo₂O₄.

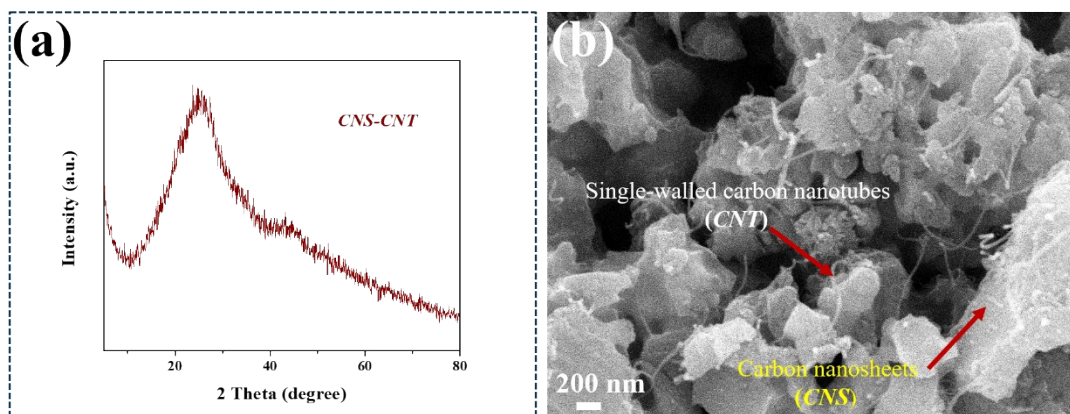


Figure S3. (a) The XRD pattern of CNS-CNT. (b) The SEM image of CNS-CNT.

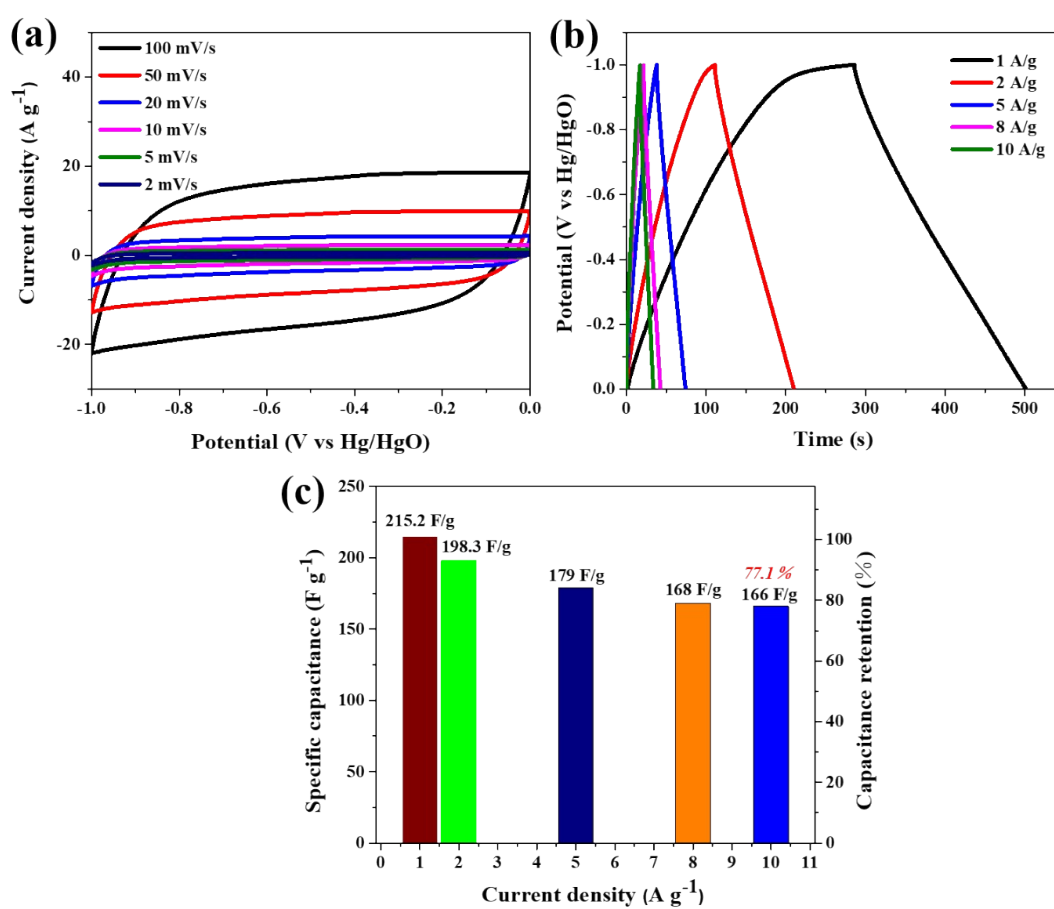


Figure S4. (a) The CV, (b) GCD and (c) capacitance retention rate curves of CNS-CNT.

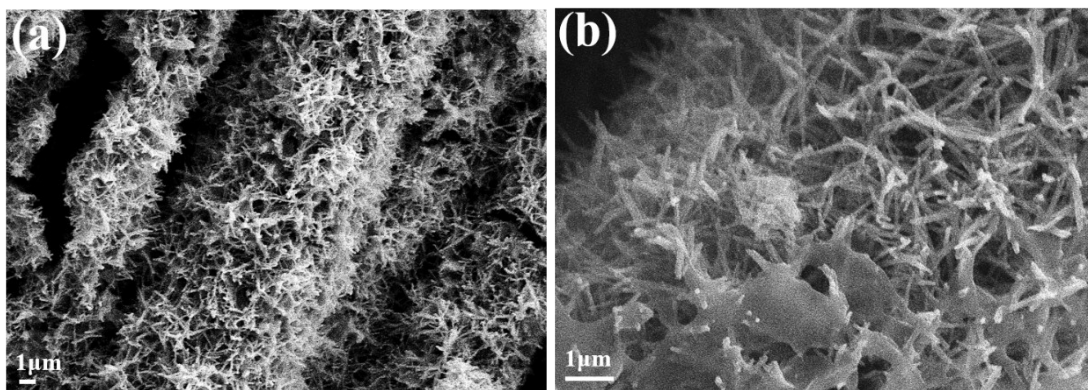


Figure S5. (a, b) The SEM images of CF@NiCoZn-S/NiCo₂S₄ as cathode in the hybrid HSC after 10000 cycles.