

Supplementary Materials

Rational design of flower-like cobalt-manganese-sulfide nanosheets for high performance supercapacitor electrode materials

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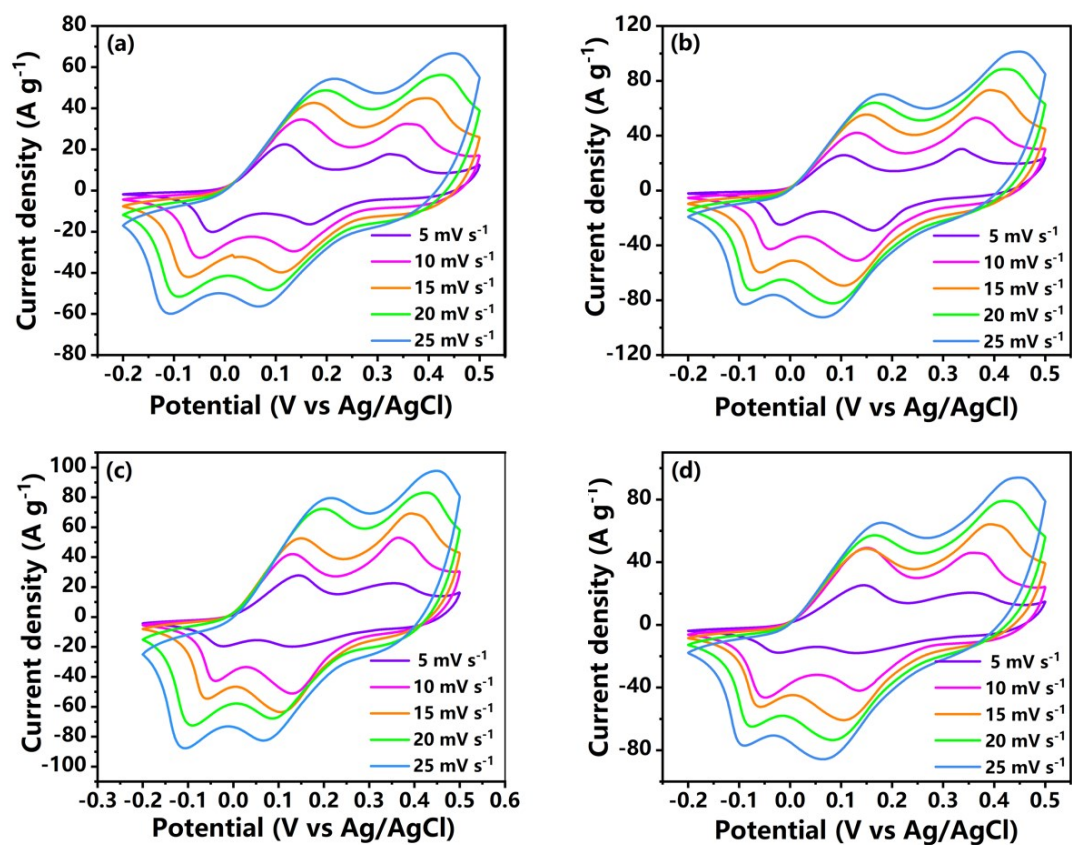


Fig. S1. (a) CV curves of CoMnS-2 electrode at different scanning rates, (b) CV curves of CoMnS-3 electrode at different scanning rates, (c) CV curves of CoMnS-5 electrode at different scanning rates, (d) CV curves of CoMnS-6 electrode at different scanning rates.

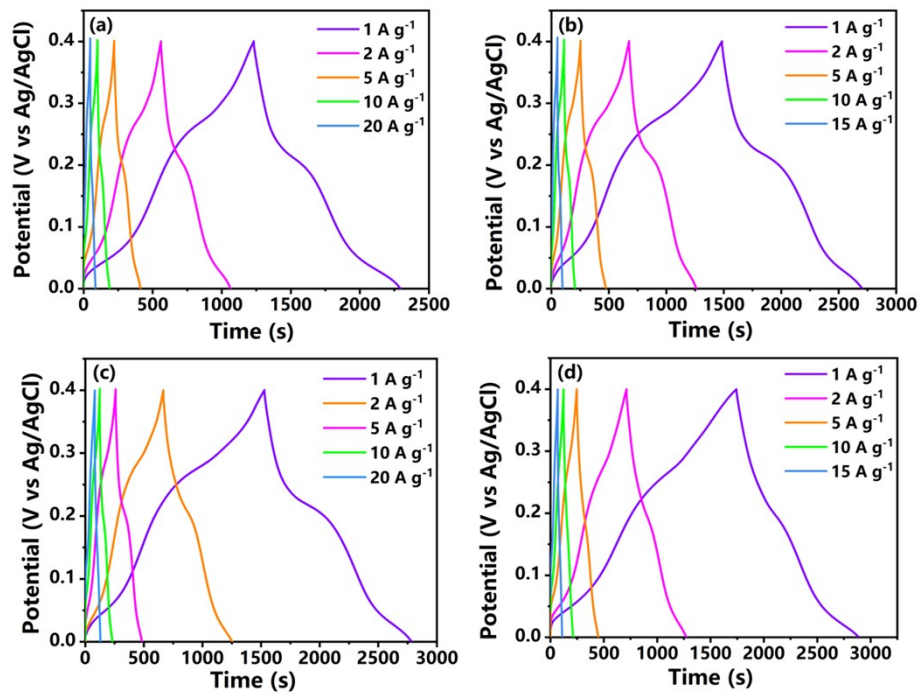


Fig. S2. (a) GCD curves of the CoMnS-2 electrode at different current densities, (b) GCD curves of the CoMnS-4 electrode at different current densities, (c) GCD curves of the CoMnS-5 electrode at different current densities, (d) GCD curves of the CoMnS-6 electrode at different current densities.

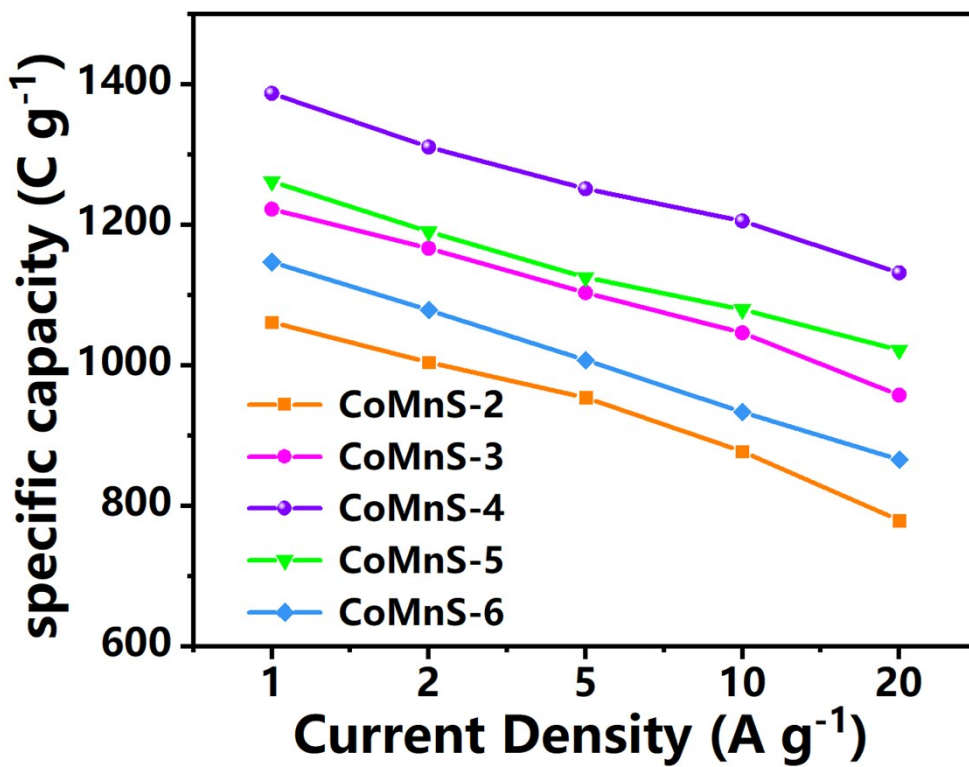


Fig. S3. Specific capacity of CoMnS-2, CoMnS-3, CoMnS-4, CoMnS-5, CoMnS-6 electrodes at various current densities.

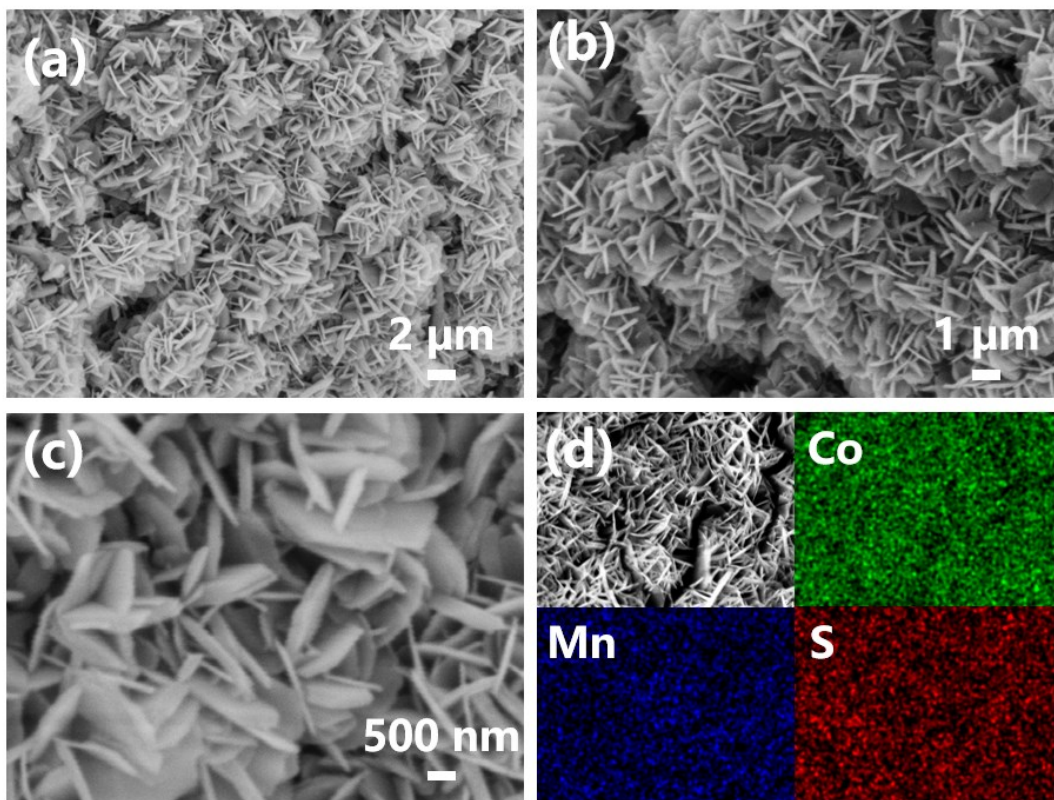


Fig. S4. (a–c) Low- and high-magnification SEM images of the CoMnS-4 nanomaterials after cycling test, (d) EDS elemental content of the corresponding SEM image.

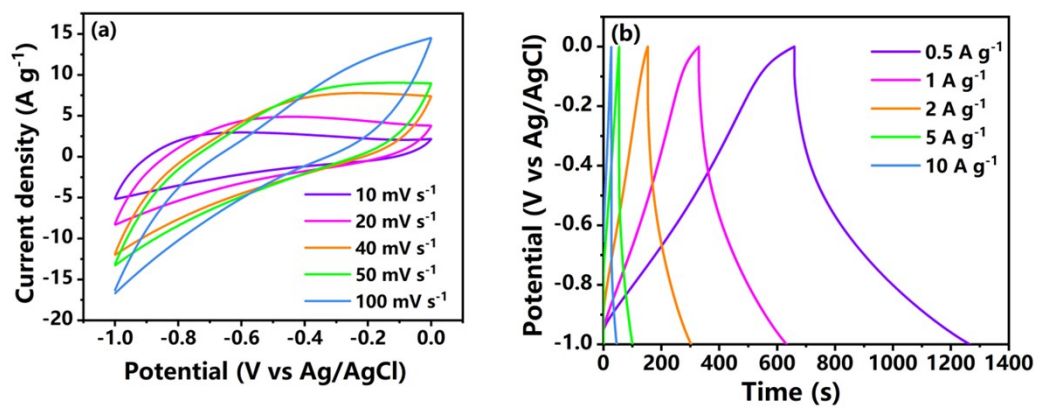


Fig. S5. (a) CV curves of AC electrode at different scanning rates, (b) GCD curves of the AC electrode at different current densities.

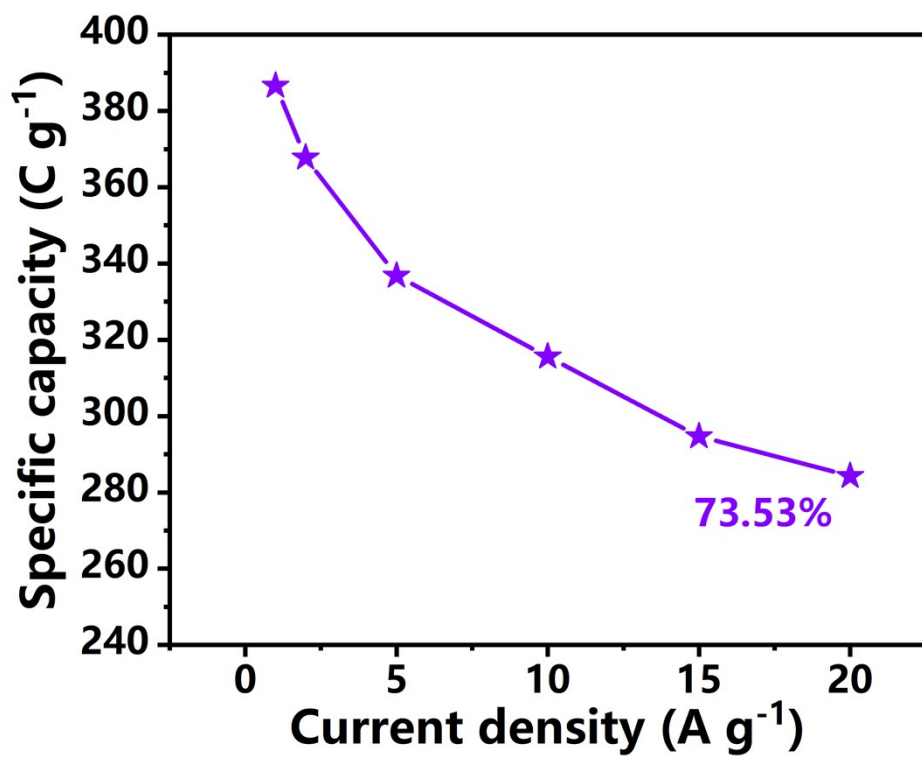


Fig. S6. Specific capacity of the CoMnS-4//AC ASC device at various current densities