

Supplementary Materials: Fabrication of C/Co-FeS₂/CoS₂ with Highly Efficient Hydrogen Evolution Reaction

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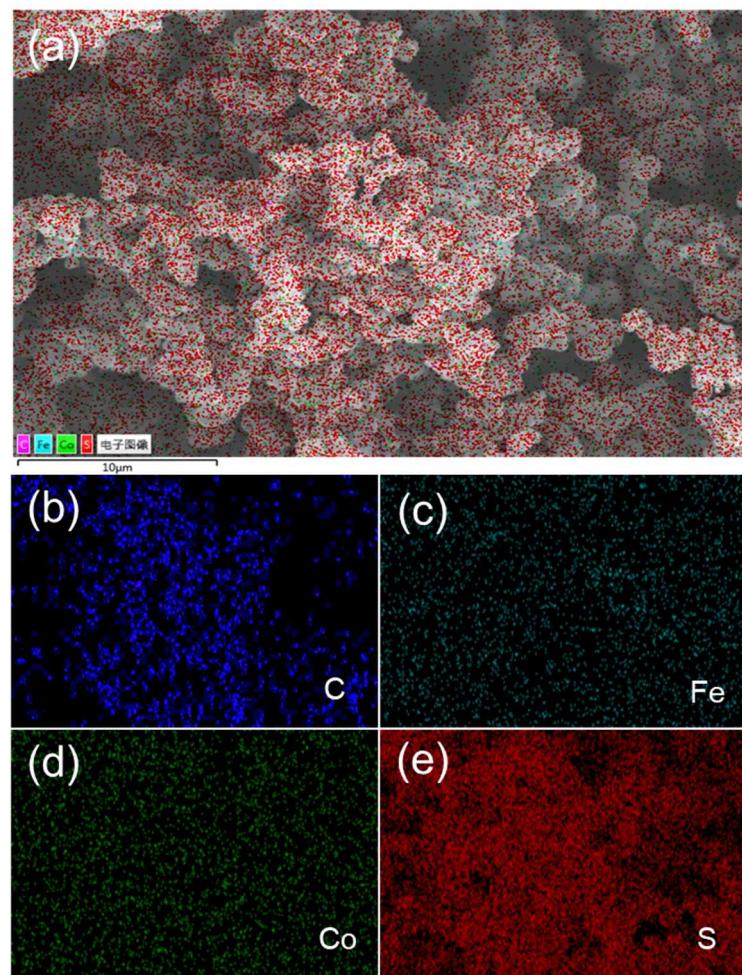


Figure S1. (a) SEM image of C/Co-FeS₂/CoS₂; (b-e) corresponding EDS elemental mapping images.

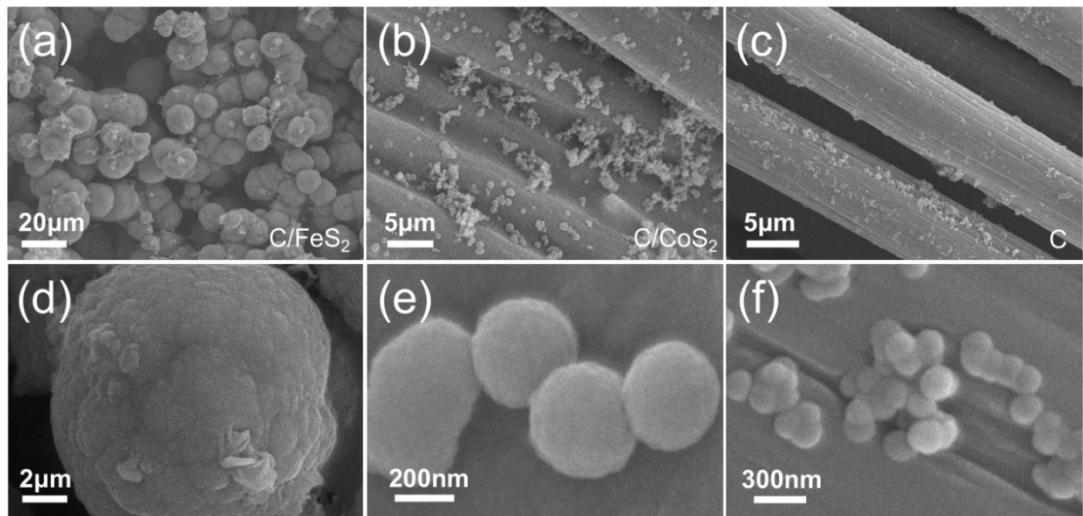


Figure S2. (a), (d) SEM images of C/FeS₂; (b), (e) SEM images of C/CoS₂; (c), (f) SEM images of C.

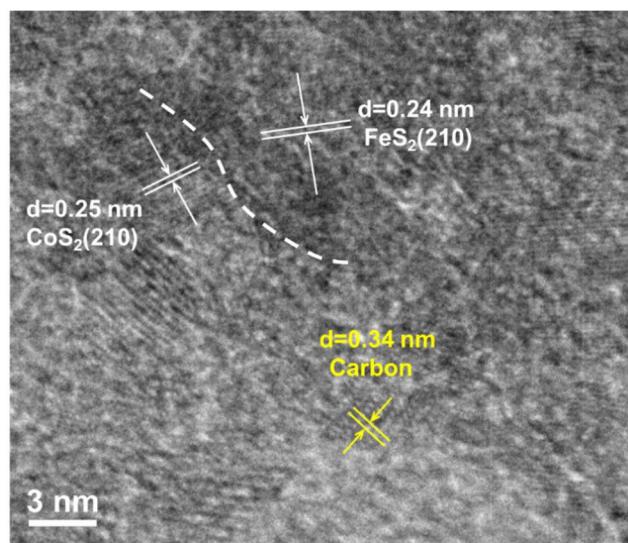


Figure S3. HRTEM image of C/CoS₂/FeS₂.

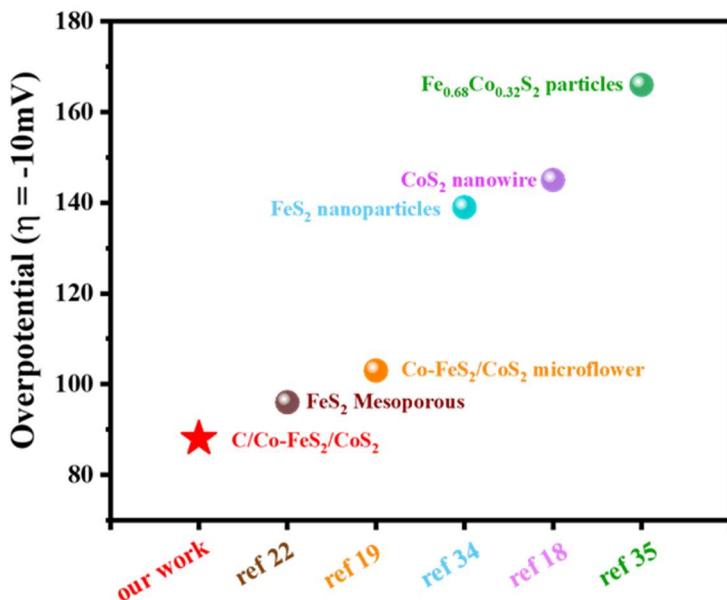


Figure S4. Contrast of HER activity of electrocatalysts of similar materials.

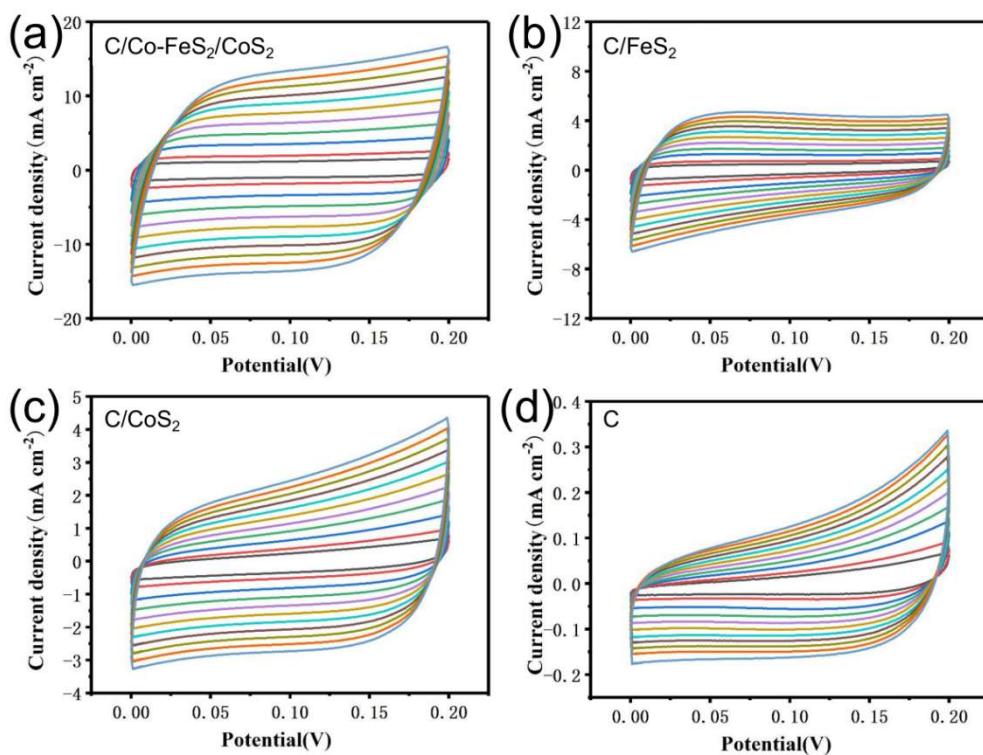


Figure S5. (a-d) cyclic voltammograms of C/Co-FeS₂/CoS₂, C/FeS₂, C/CoS₂ and C were measured in the non-faradaic capacitance current range at scan rates of 5, 10, 20, 30, 40, 50, 60, 70, 80, 90 and 100 mV s⁻¹.

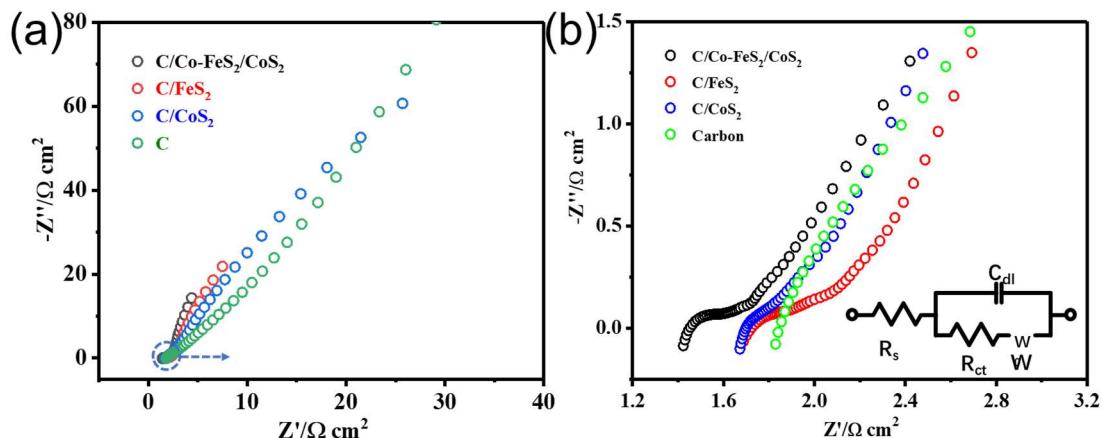


Figure S6. EIS Nyquist plots of C/Co-FeS₂/CoS₂, C/FeS₂, C/CoS₂ and C.

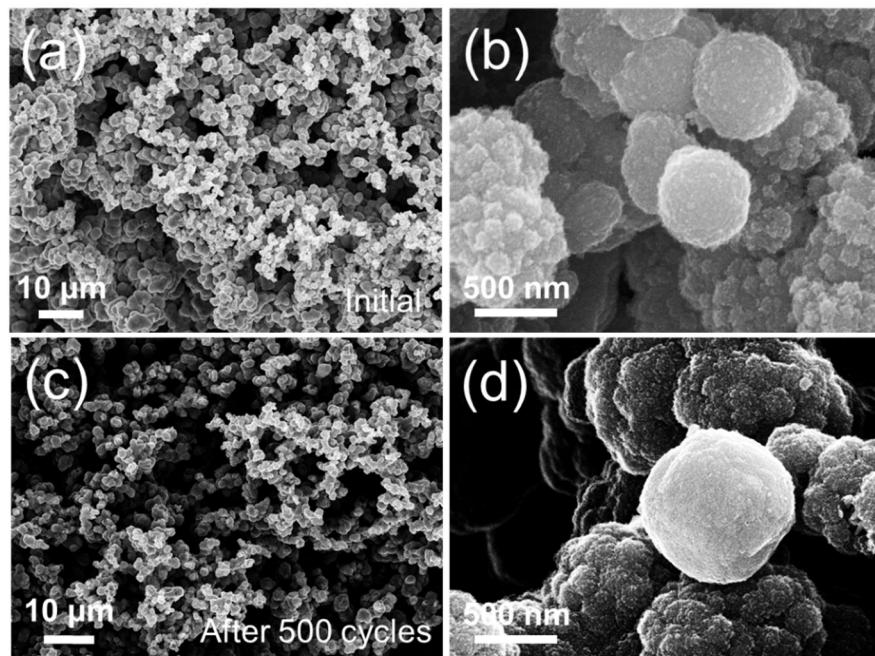


Figure S7. (a) and (b) SEM images of C/Co-FeS₂/CoS₂; (c) and (d) SEM images of C/Co-FeS₂/CoS₂ after the 500 cycles.



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