catalysts

Supplementary Materials: Fabrication of C/Co-FeS_2/CoS_2 with Highly Efficient Hydrogen Evolution Reaction

Yuan Gao [1,†], Ka Wang [1,†], Haizeng Song [2], Han Wu [2], Shancheng Yan [1,*], Xin Xu [1] and Yi Shi [2,*]

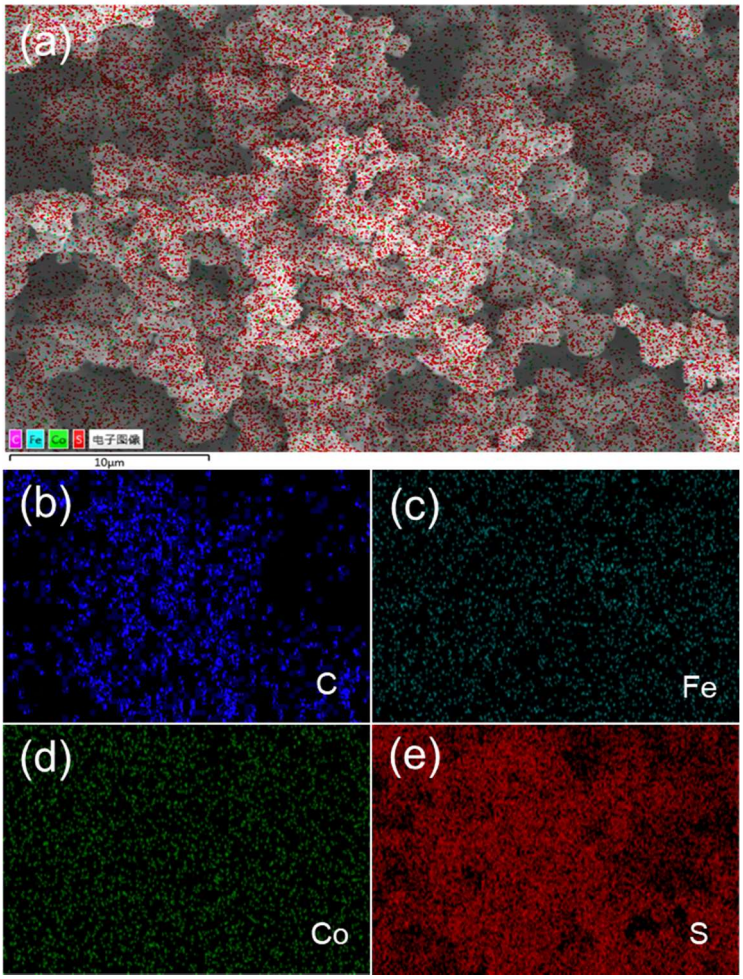

Figure S1. (**a**) SEM imageofC/Co-FeS_2/CoS_2; (**b**-**e**) corresponding EDS elemental mapping images.

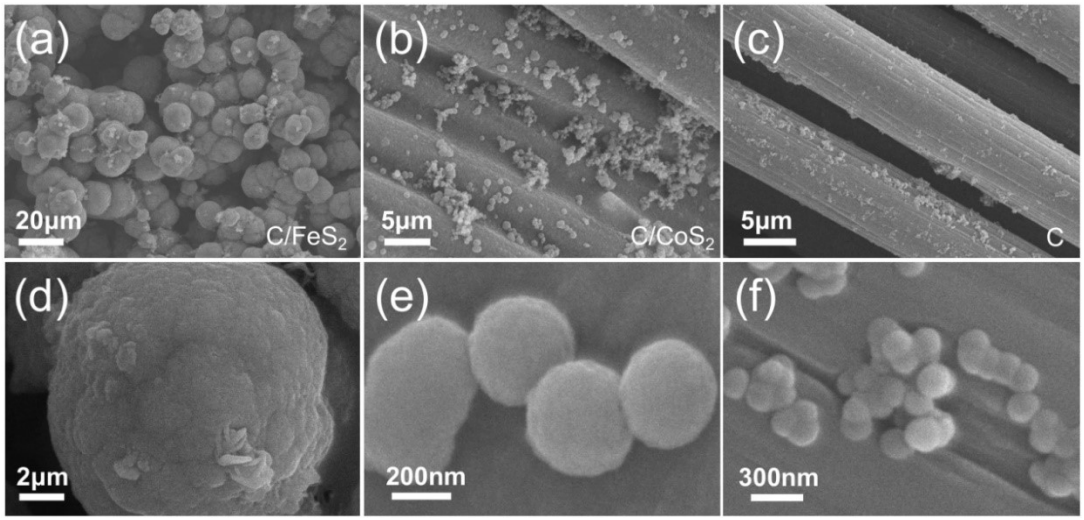

Figure S2. (**a**), (**d**) SEM images of C/FeS_2; (**b**), (**e**) SEM images of C/CoS_2; (**c**), (**f**) SEM images of C.

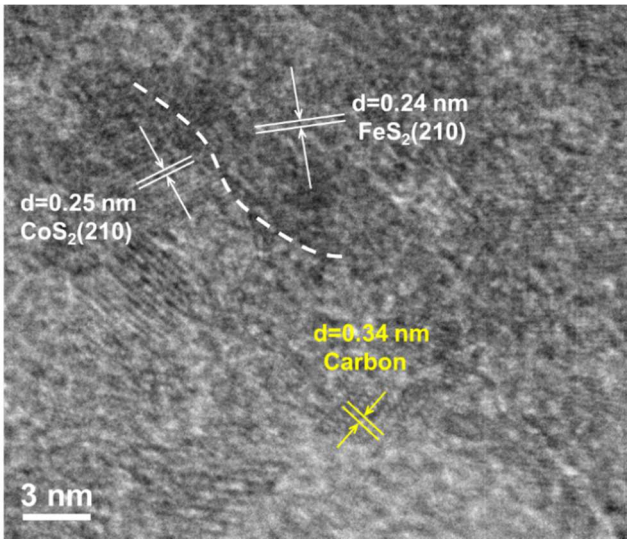

Figure S3. HRTEM image of C/Co-FeS_2/CoS_2.

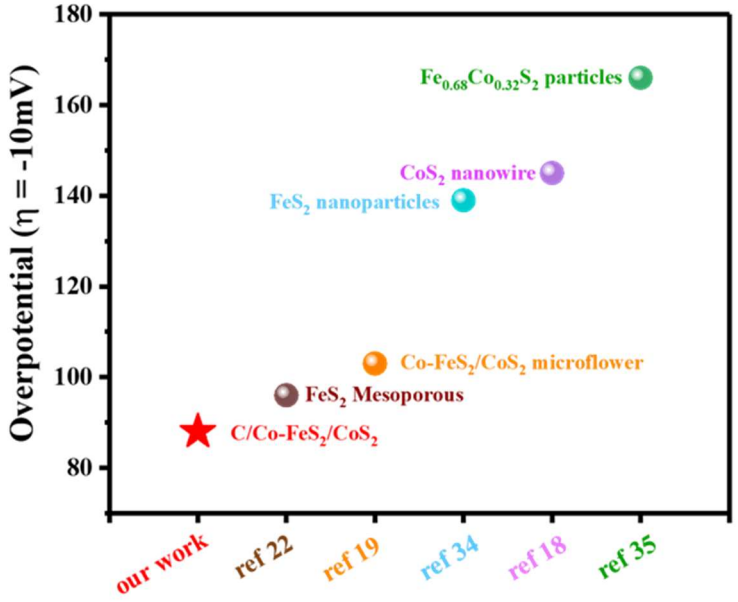

Figure S4. ContrastofHER activity of electrocatalysts of similar materials.

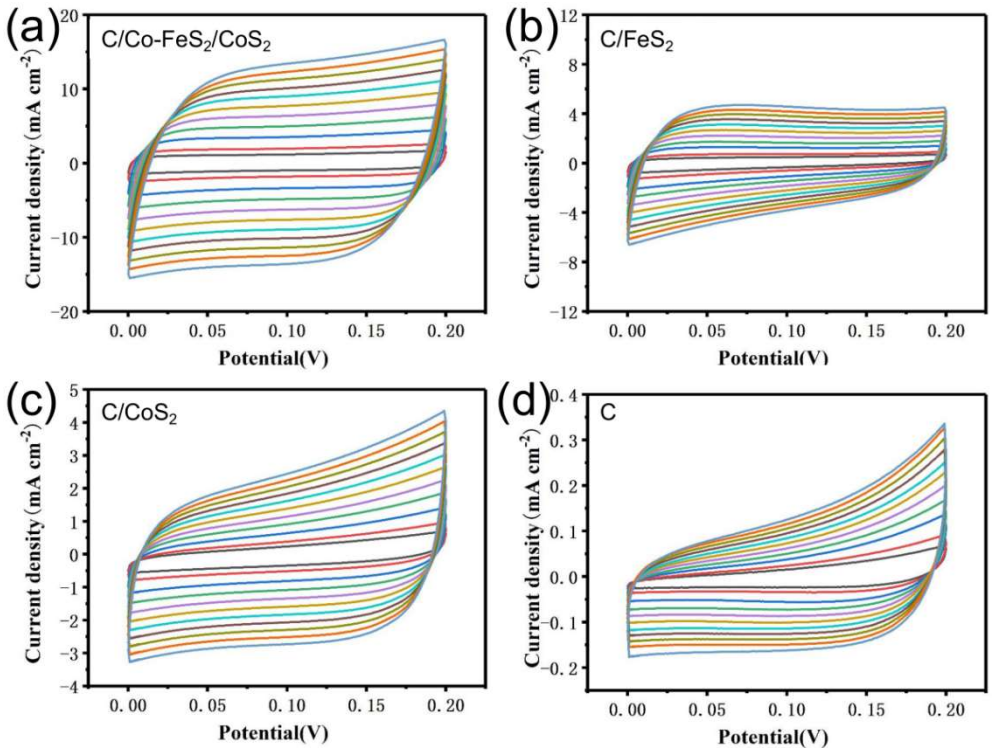

Figure S5. (**a**-**d**) cyclic voltammograms of C/Co-FeS_2/CoS_2, C/FeS_2, C/CoS_2 and C were measured in the non-faradaic capacitance current range at scan rates of 5, 10, 20, 30, 40, 50, 60, 70, 80, 90 and 100 mV s^{-1}.

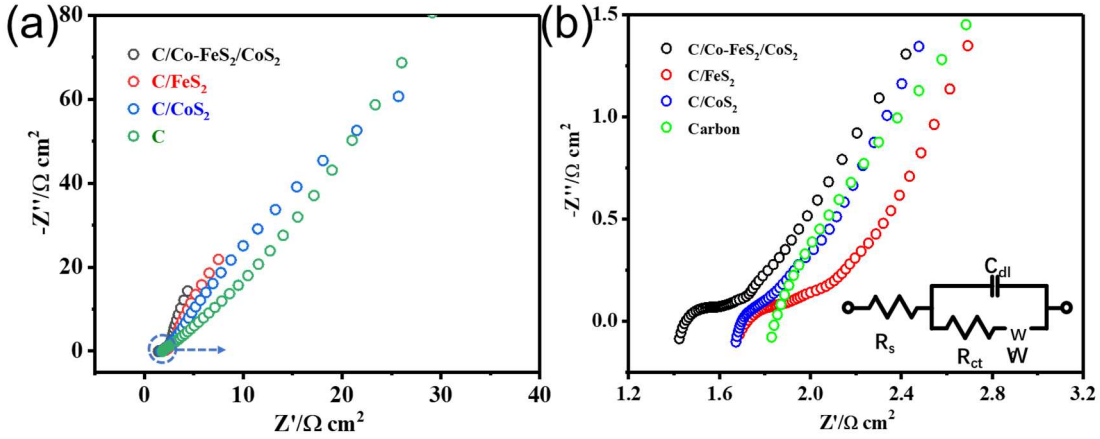

Figure S6. EIS Nyquist plots of C/Co-FeS_2/CoS_2, C/FeS_2, C/CoS_2 and C.

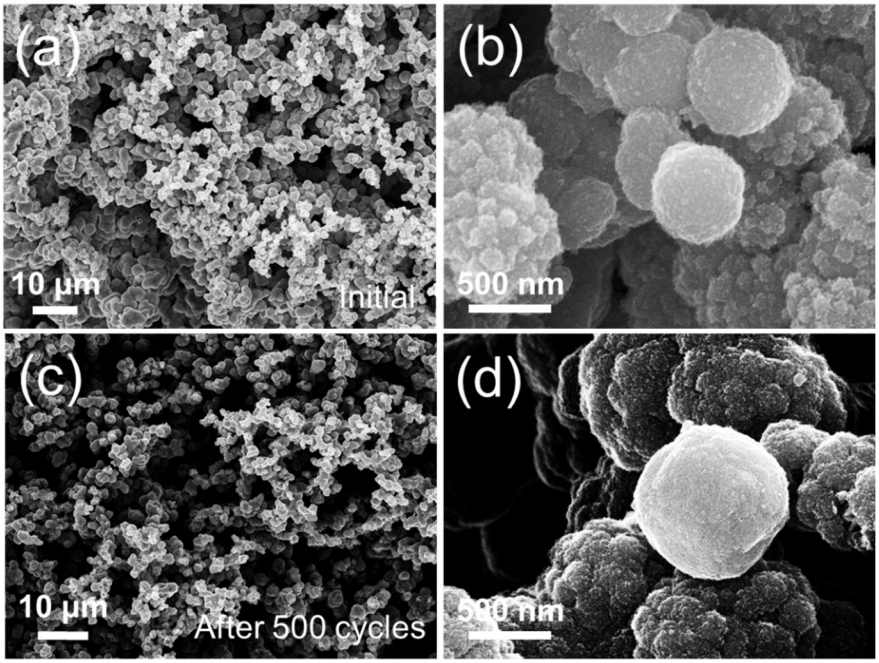

Figure S7. (**a**) and (**b**) SEM images of C/Co-FeS_2/CoS_2; (**c**) and (**d**) SEM images of C/Co-FeS_2/CoS_2 after the 500 cycles.