

Supplemental Informations:

Fig. S1 The corresponding EDS spectrum of ZnO@CuO/ZnFe-LDH composite

Fig. S2 Incident photon conversion efficiencies (IPCE) plots of ZnO NRs, ZnO@CuO NRs and ZnO@CuO/ZnFe-LDH composite

Fig. S3 Cycling stability measurement of ZnO@CuO/LDH photoanodes during 1000 cycles

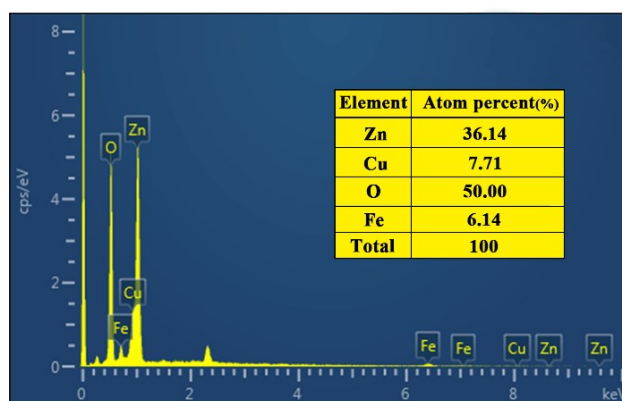


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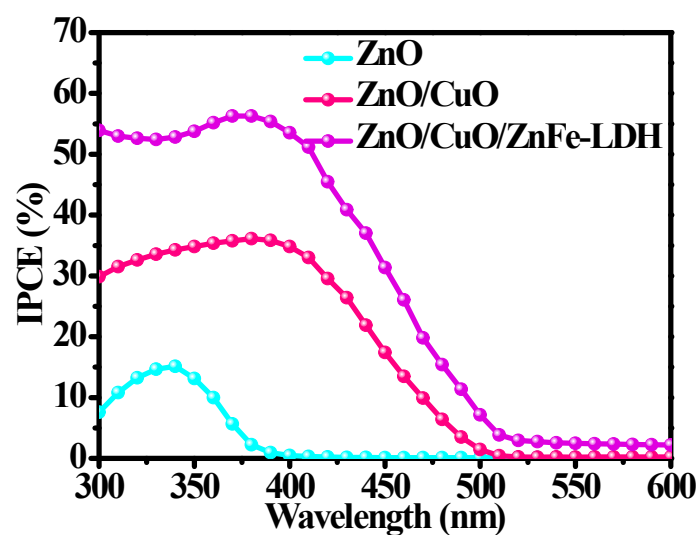


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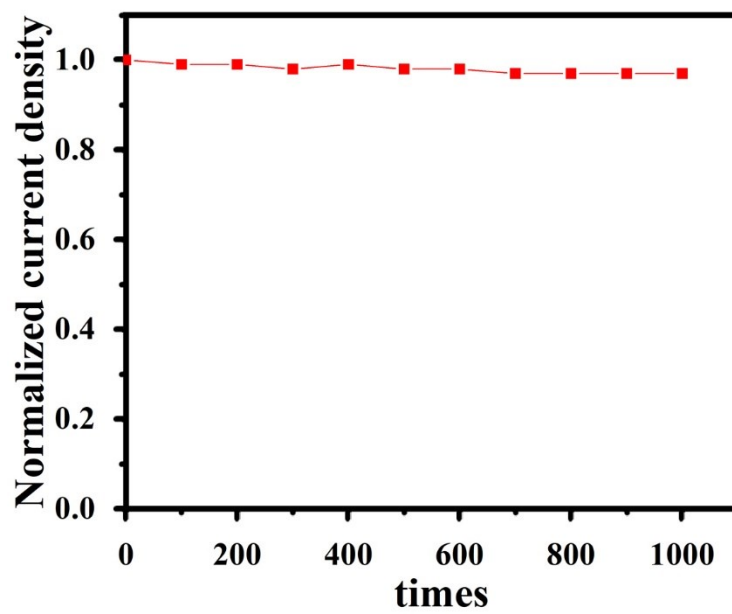


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