

Electronic Supplementary Information

CuGaS₂-ZnS p-n Nanoheterostructures: A Promising Visible Light Photo-catalyst for Water-splitting Hydrogen Production

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Figure S1-S2

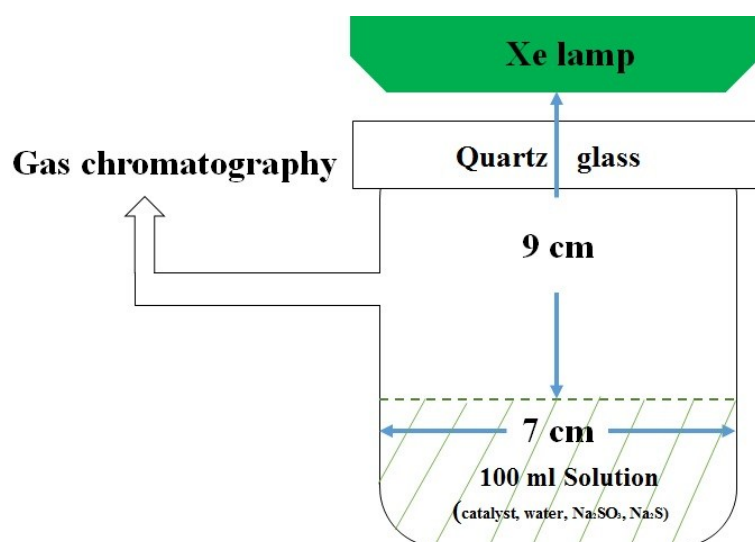


Figure S1. Schematic diagram of experimental setup for the photocatalytic evaluation.

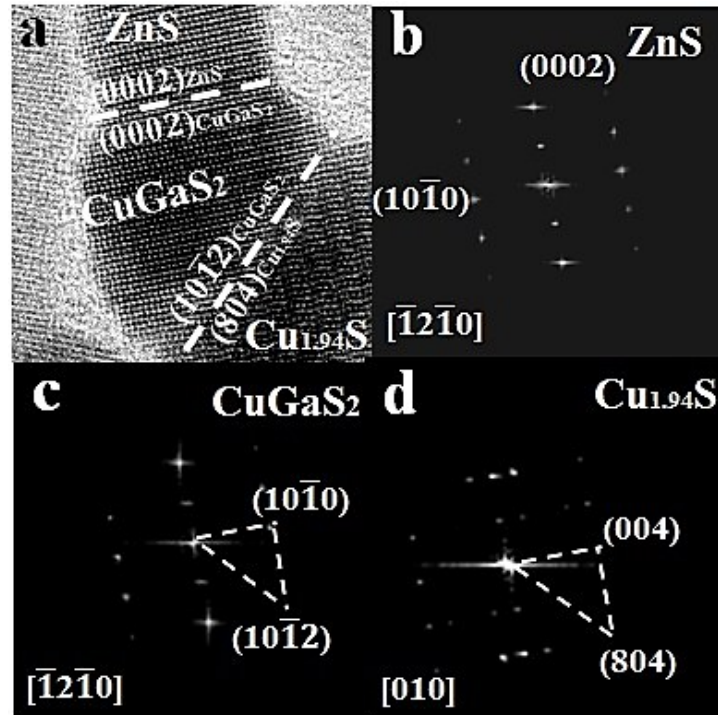


Figure S2. (a) HRTEM image showing the middle segment of a $\text{Cu}_{1.94}\text{S}$ - CuGaS_2 - ZnS trimer; (b), (c) and (d) FFT patterns taken from ZnS , CuGaS_2 and $\text{Cu}_{1.94}\text{S}$ regions, respectively.