

Supporting information

Multicomponent Sulfides as Narrow Gap Hydrogen Evolution Photocatalysts

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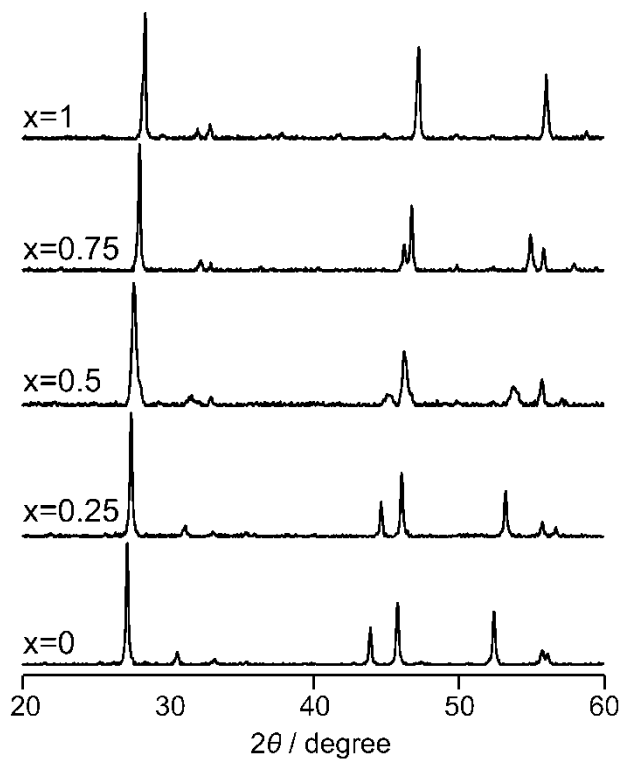


Figure S1. XRD patterns of $((\text{Cu}_x\text{Ag}_{1-x})_2\text{ZnSnS}_4)_{0.95}(\text{ZnS})_{0.2}$ solid solutions with various x values.

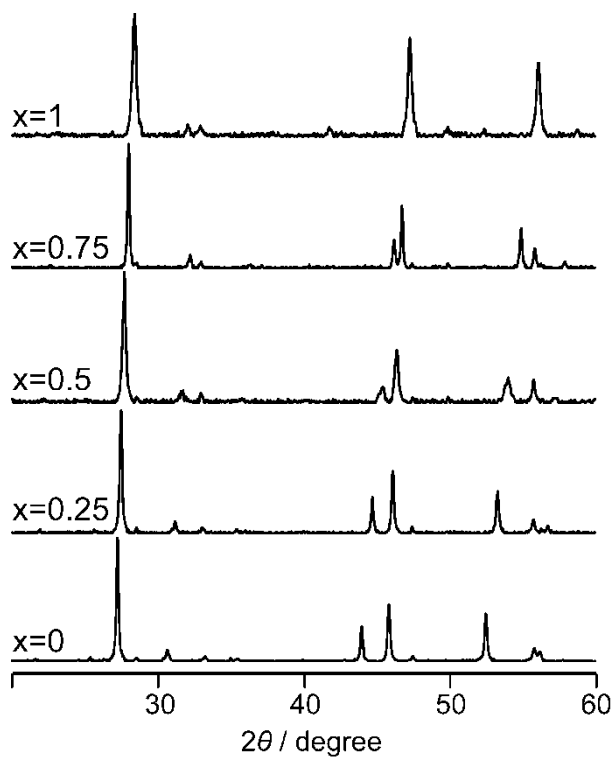


Figure S2. XRD patterns of $((\text{Cu}_x\text{Ag}_{1-x})_2\text{ZnSnS}_4)_{0.9}(\text{ZnS})_{0.4}$ solid solutions with various x values.