Supporting Information

Solution-Based Synthesis of Sulvanite Cu₃TaS₄ and Cu₃TaSe₄ Nanocrystals

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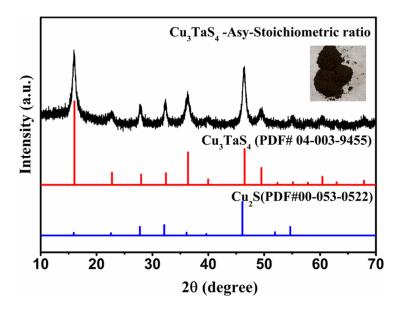


Figure S1 XRD of Cu3TaS4 synthesized using stoichiometric ratio (Asy=As Synthesyzed)

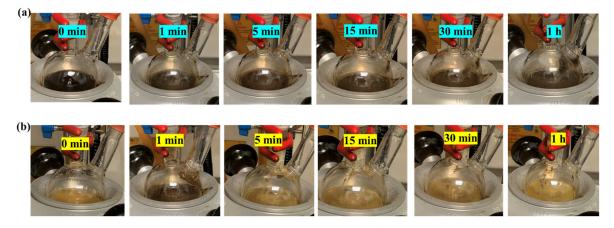


Figure S2 Color changes for the cascade synthesis (a) and hot-injection synthesis (b) of Cu₃TaS₄NCs.

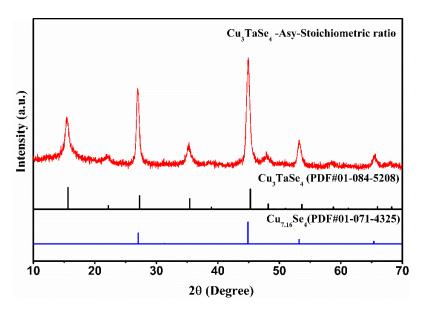


Figure S3 XRD of Cu_3TaSe_4 synthesized using stoichiometric ratio.

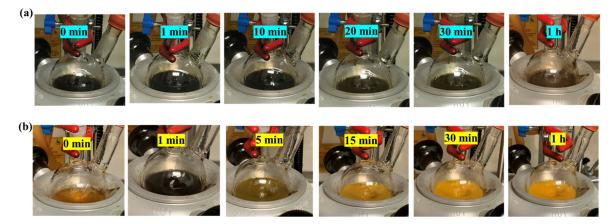


Figure S4 Color changes for the cascade synthesis (a) and hot-injection synthesis (b) of Cu₃TaSe₄NCs.

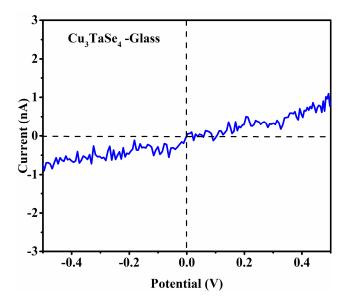


Figure S3 I–V curve of the Au/Cu₃TaSe₄ NCs-glass/Au device.