

Electronic Supplementary Information

Formation of AgGaS₂ nano-pyramids from Ag₂S nanospheres through intermediate Ag₂S-AgGaS₂ heterostructures and AgGaS₂ sensitized Mn²⁺ emission

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Figure S1-S2

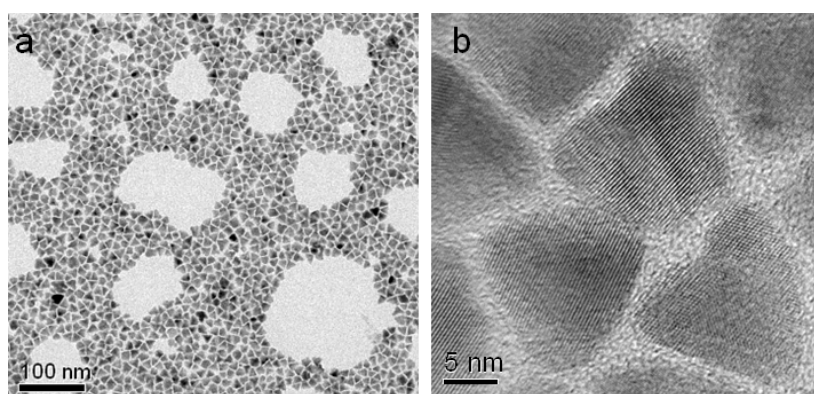


Figure S1 (a) TEM micrograph, and (b) HRTEM image of the product having reacted for 1 hour

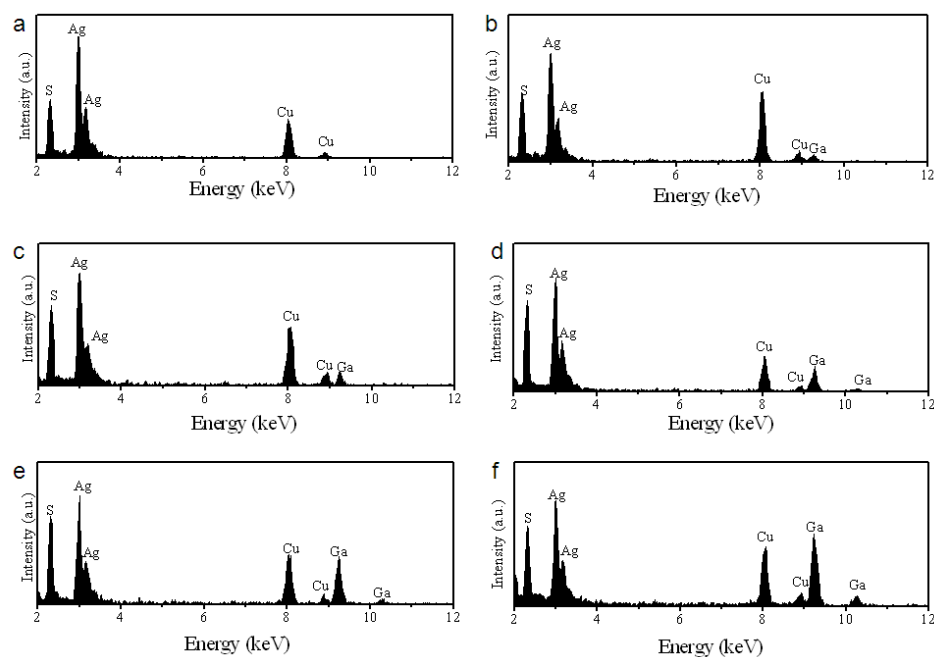


Figure S2 EDS spectra of the products having reacted for 1 min, 3 min, 5 min, 10 min, 20 min and 30 min respectively; the Cu signal comes from the copper grid.