

Supplementary Material

Spontaneous Formation of Hybrid Heterotrimer of Fe₃O₄-Ag₂S-ZnS by Seeded-Growth Method

Shaghrif Javid,^A Wei Chen,^A Guohua Jia,^{A,B} and Franca Jones^{A,B}

^ACurtin Institute of Functional Molecules and Interfaces, School of Molecular and Life Sciences
Curtin University, Bentley, Perth, WA 6102, Australia.

^BCorresponding authors. Email: guohua.jia@curtin.edu.au; f.jones@curtin.edu.au

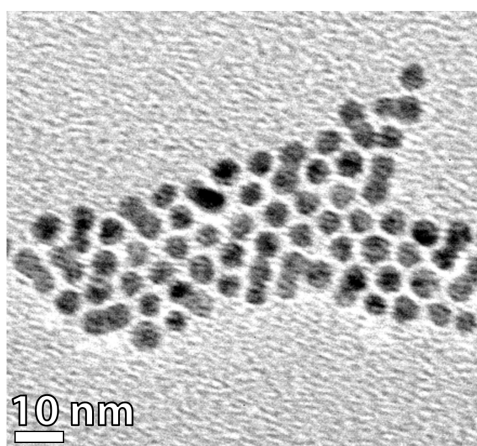


Figure S1. TEM image of oleylamine capped silver nanoparticles (Ag NPs).

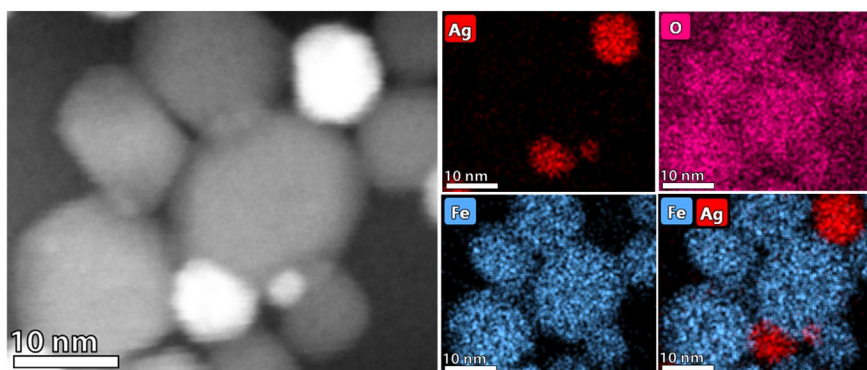


Figure S2. HAADF-STEM image and elemental maps of Ag-Fe₃O₄ seed.

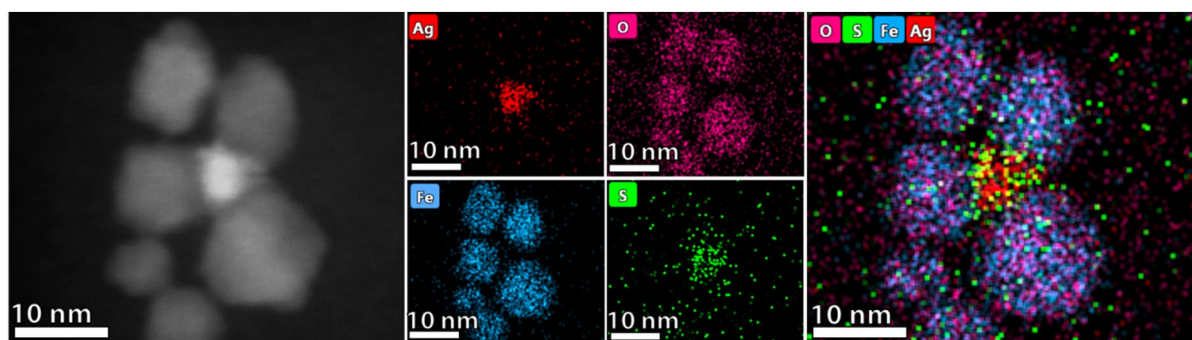


Figure S3. HAADF-STEM and elemental maps of Ag₂S-Fe₃O₄.

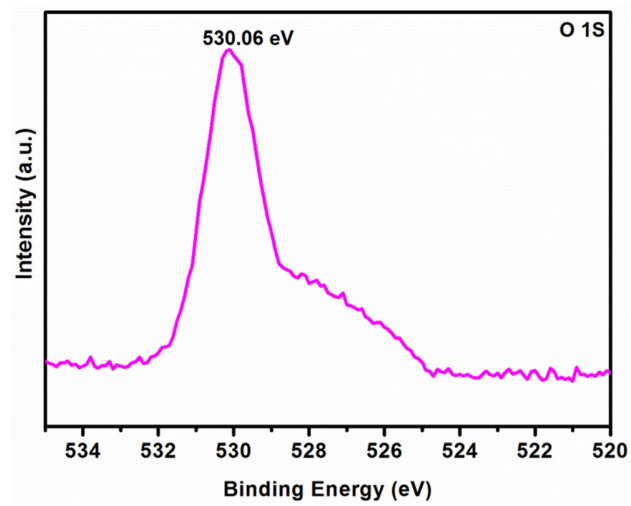


Figure S4. High resolution XPS spectra of oxygen (O) region corresponding to Figure 6(b).