

Supplementary Materials

Effective Blue Light-Absorbing AuAg Nanoparticles in InP Quantum Dots-Based Color Conversion

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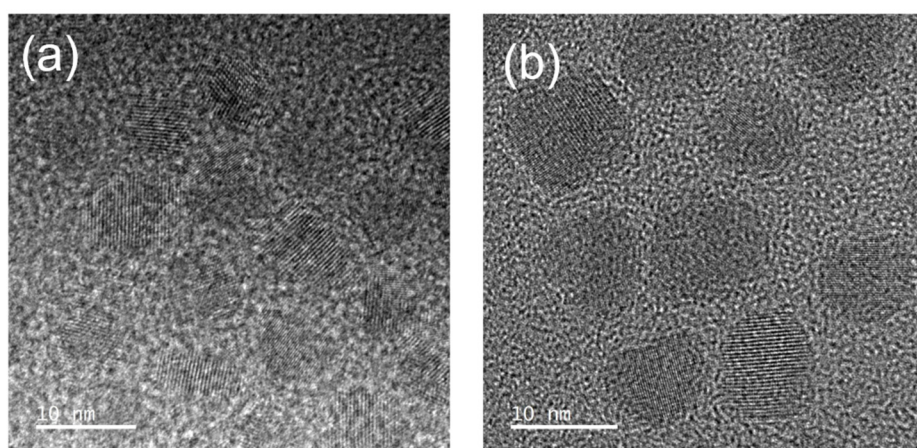


Figure S1. Higher-magnification TEM images of (a) green and (b) red InP/ZnSe/ZnS QDs (scale bars are 10 nm for both).

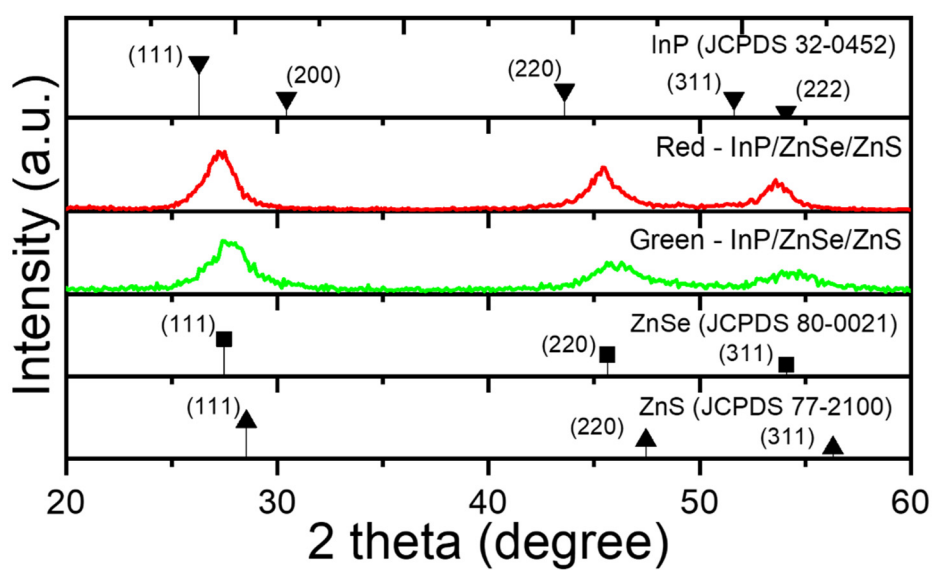


Figure S2. Powder XRD patterns of green and red InP/ZnSe/ZnS QDs.

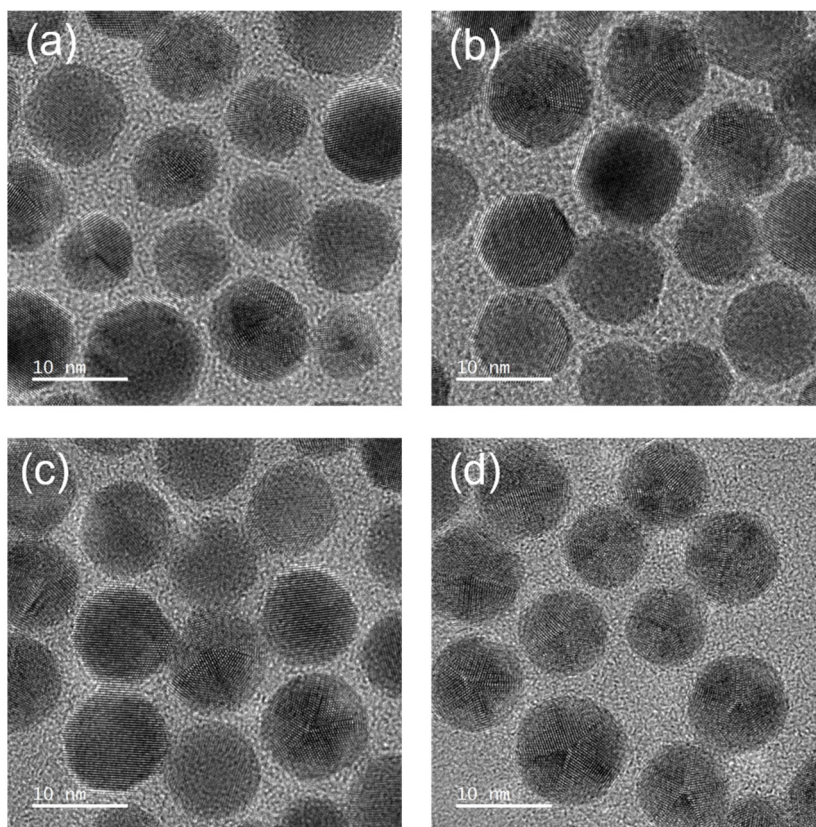


Figure S3. Higher-magnification TEM images of AuAg alloy NPs synthesized with Au/Ag precursor ratios of (a) 0.45, (b) 1, (c) 2.3, and (d) 3 (scale bars are 10 nm for all).

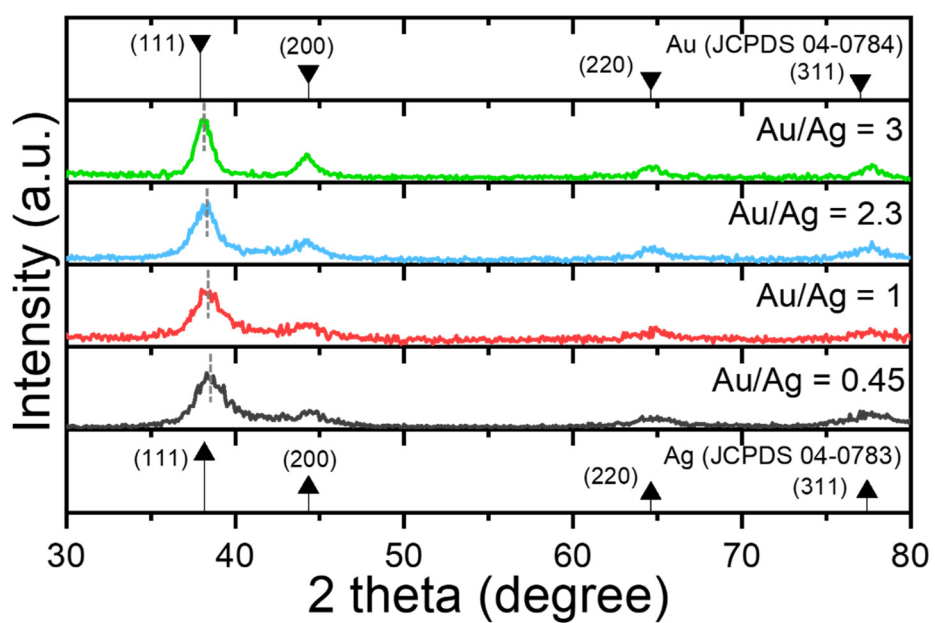


Figure S4. XRD patterns of a series of AuAg NPs with different Au/Ag ratios.

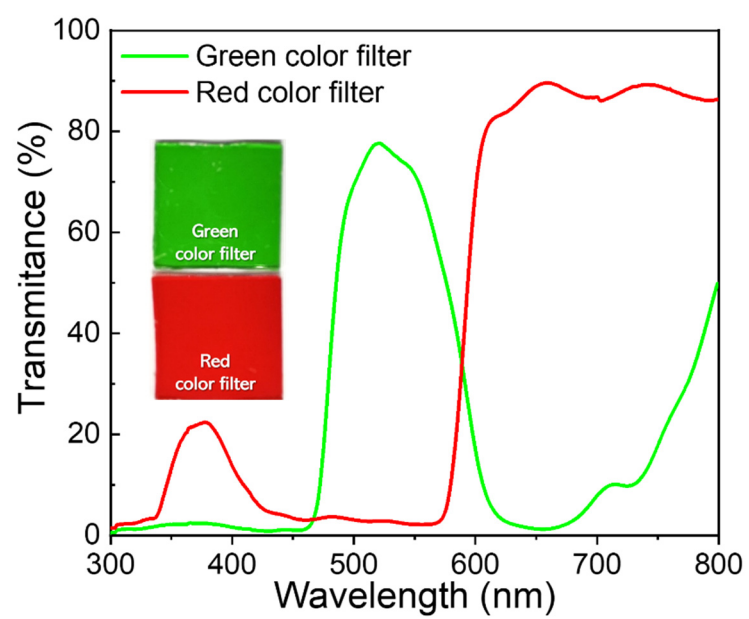


Figure S5. Typical transmittance spectra of commercial LCD green and red color filters.