

Supplementary Information

Enhanced blue photoluminescence and photostability of Cs₃Bi₂Br₉
perovskite quantum dots via surface passivation with silver ions

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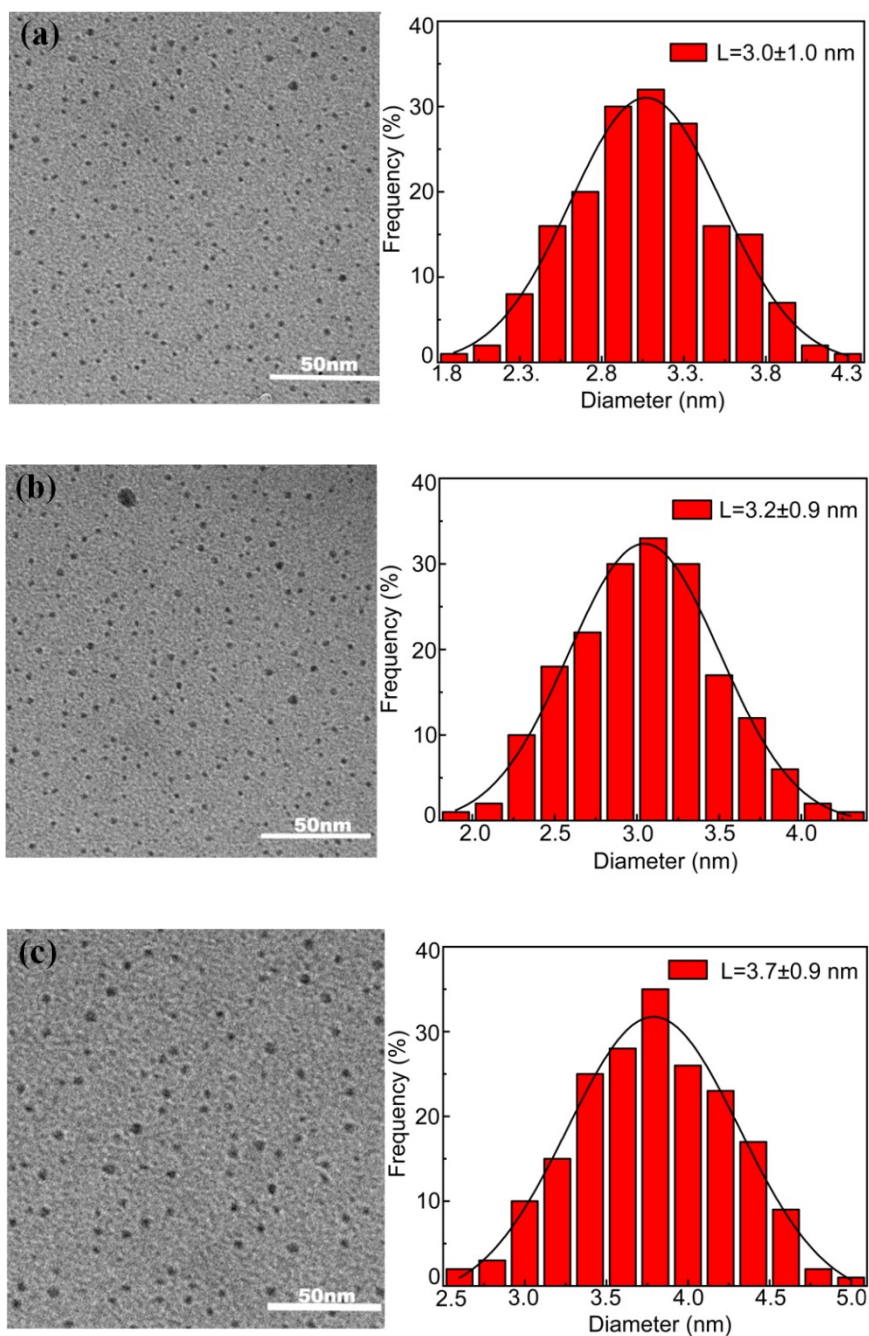


Fig. S1 (a) Typical transmission electron microscopy (TEM) and analysis of size distribution of Cs₃Bi₂Br₉ QDs synthesized in 0°C (a), 27°C (b) and 50°C (c).

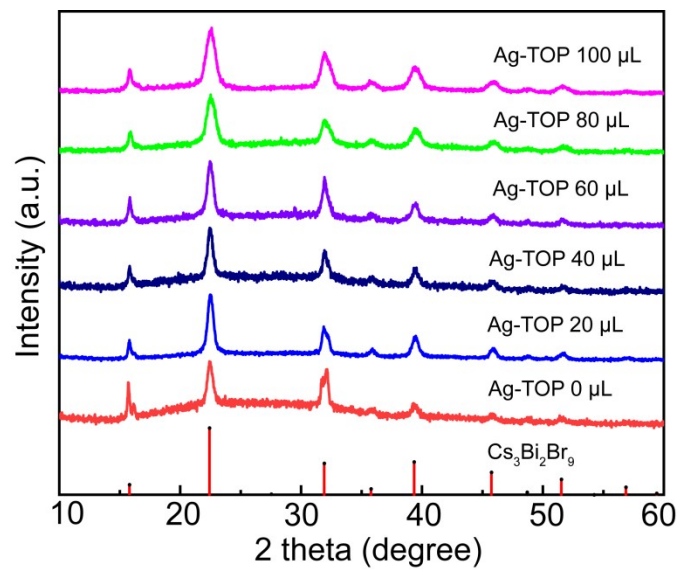


Fig. S2 XRD pattern for $\text{Cs}_3\text{Bi}_2\text{Br}_9$ and Ag- $\text{Cs}_3\text{Bi}_2\text{Br}_9$ QDs with different amount Ag precursor.