

Supporting information

Energy transfer assisted solvent effects on CsPbBr₃ quantum dots

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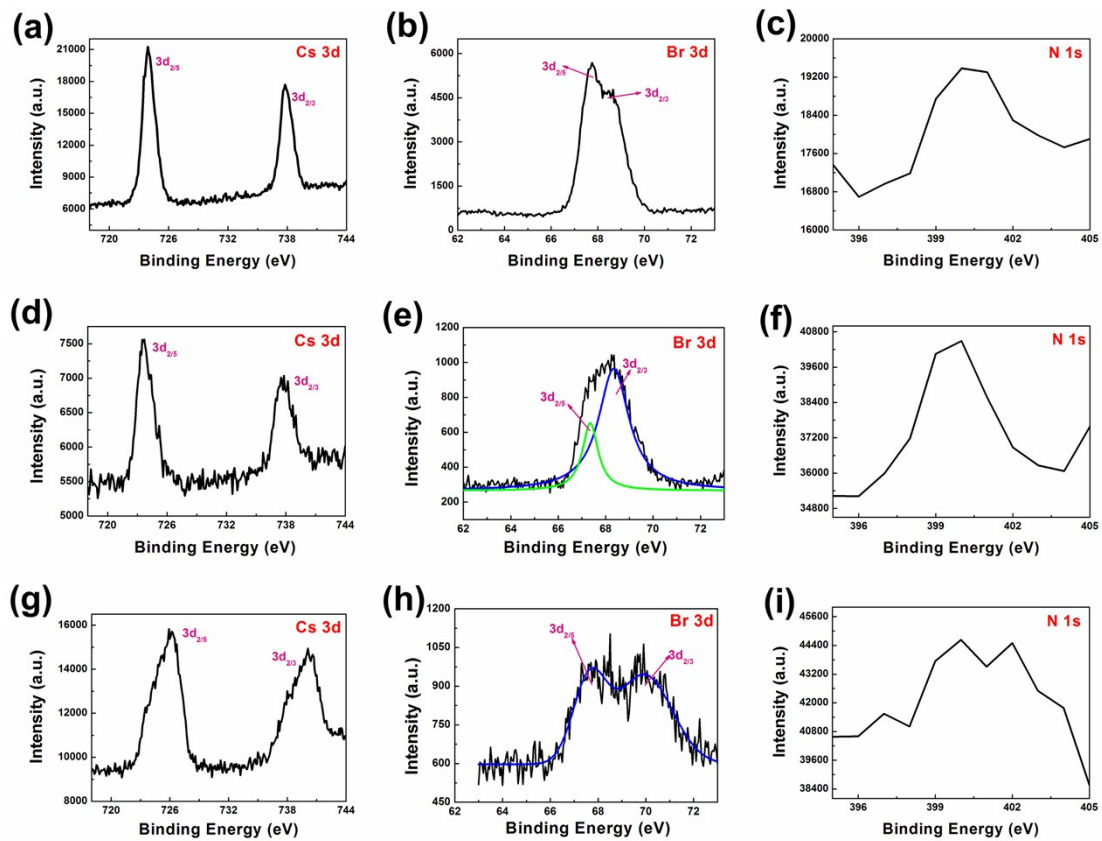


Figure S1. XPS spectra of CsPbBr₃ QDs dispersed in hexane (a, b, c), ethanol (d, e, f) and acetone (g, h, i).

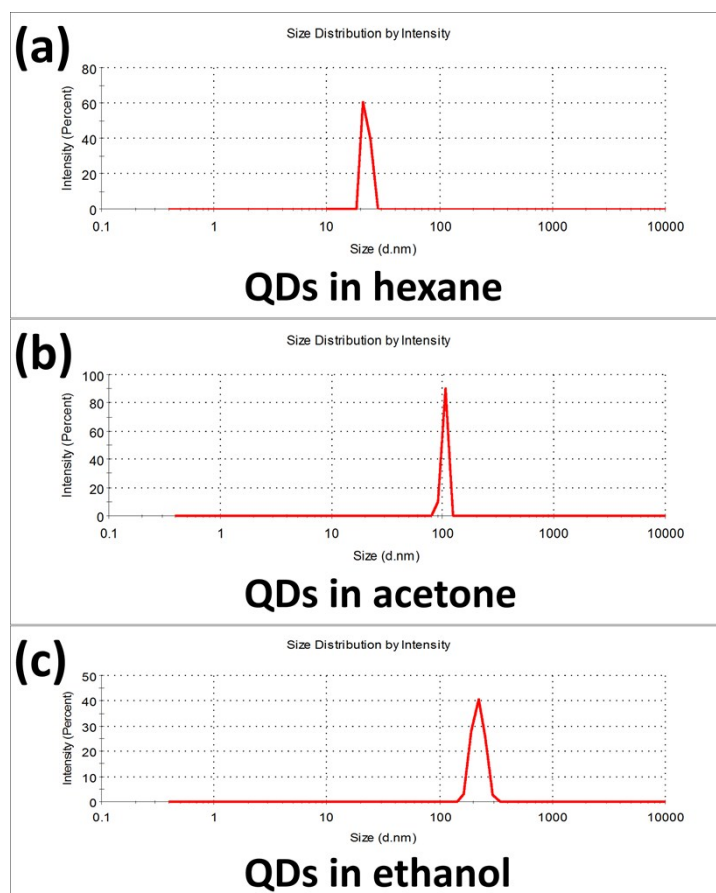


Figure S2. DLS data for (a) QDs in hexane, (b) QDs in acetone and (c) QDs in ethanol.

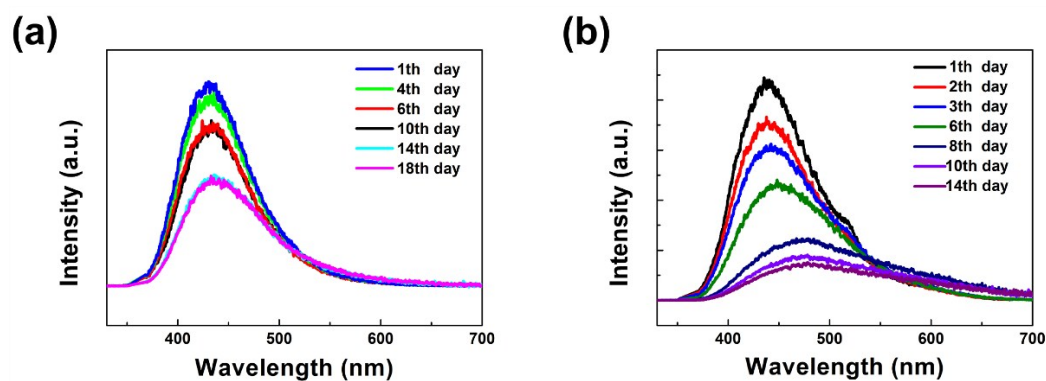


Figure S3. The fluorescent spectra of CsPbBr₃ QDs dispersed in ethanol (a)/acetone (b) for the different time. (Exciting wavelength: 360 nm)

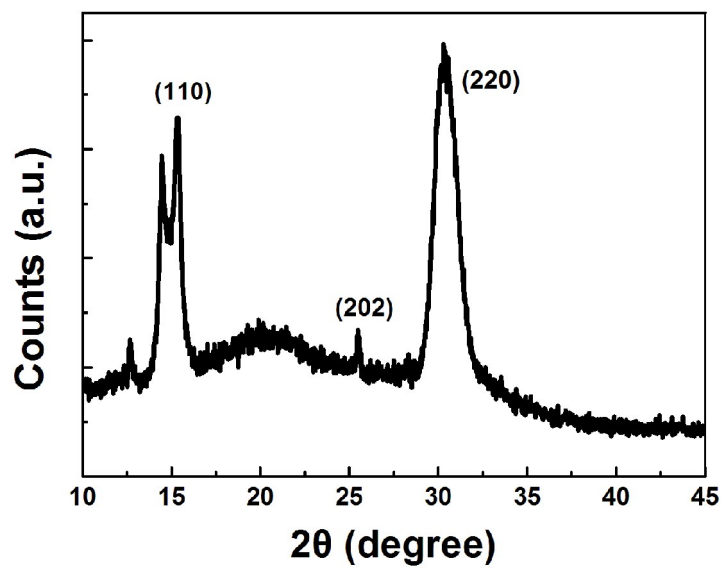


Figure S4. XRD patterns of CsPbBr₃ QDs before the polar solvent treatment.

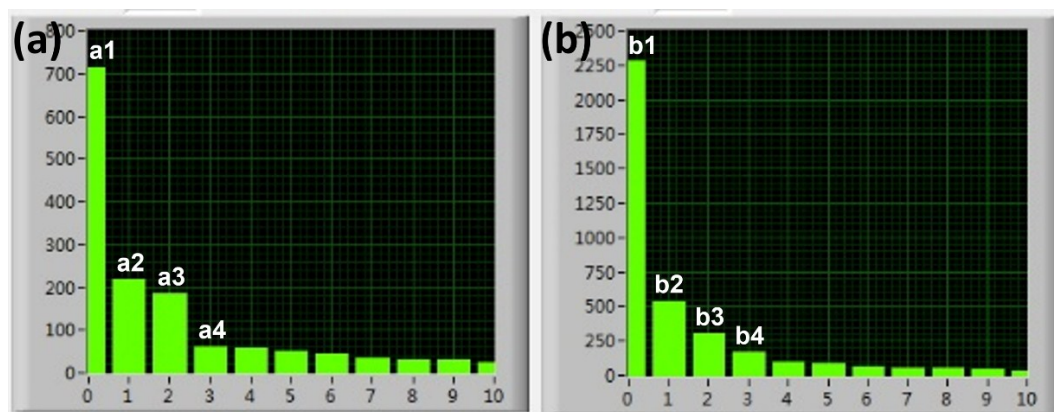


Figure S5. The proportions of the spectra in Fig. 9 after the SVD analysis process.