

Supporting Information

Growth Orientation, Shape Evolution of Monodisperse PbSe Nanocrystals and Their Employing in Optoelectronic Devices

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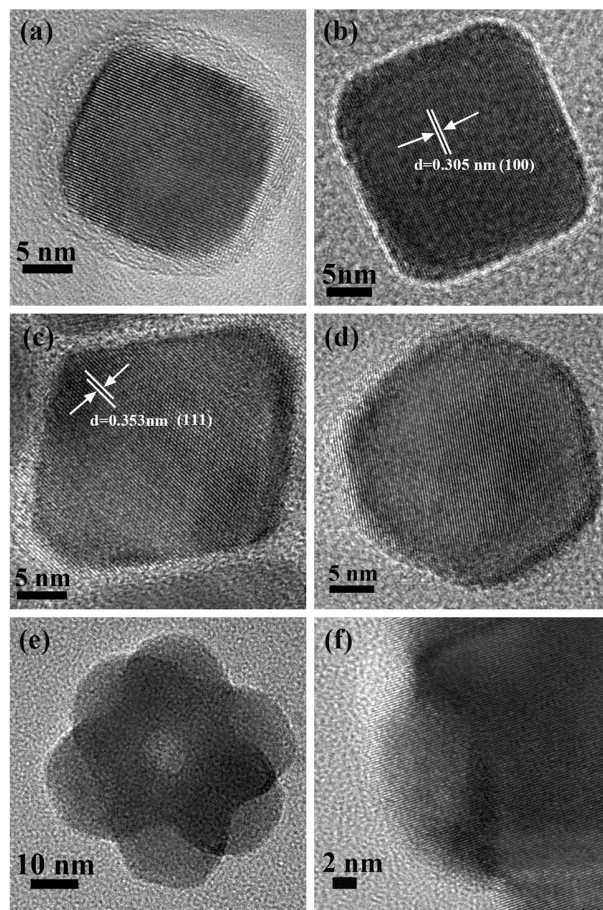


Figure S1. The HRTEM images of PbSe nanocrystals with different shapes. (a) Quasi-sphere, (b) Cube, (c) Octahedra, (d) Cuboctahedra, (e) Star-shaped nanocrystal and

(f) HRTEM of star-shaped nanocrystal.

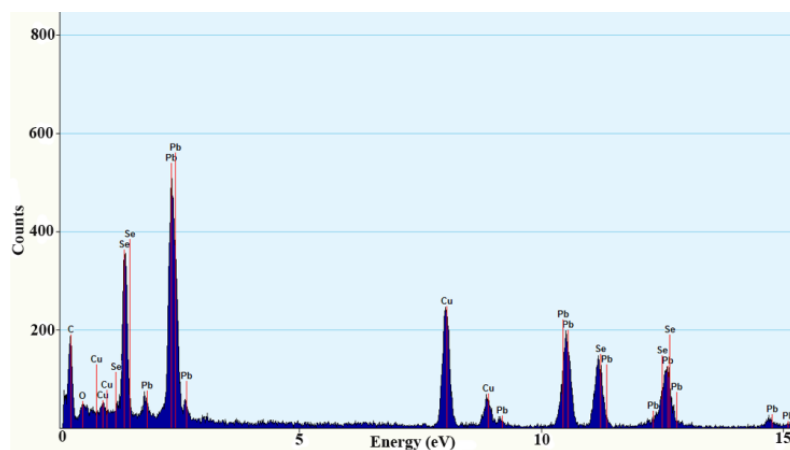


Figure S2. The EDS data of PbSe nanocrystals that is shown in Figure 1.

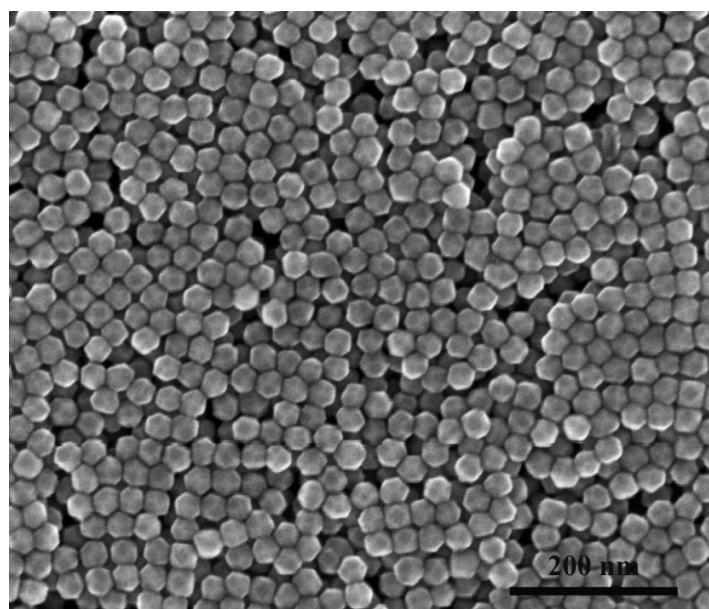


Figure S3. The SEM image of cuboctahedral particles.

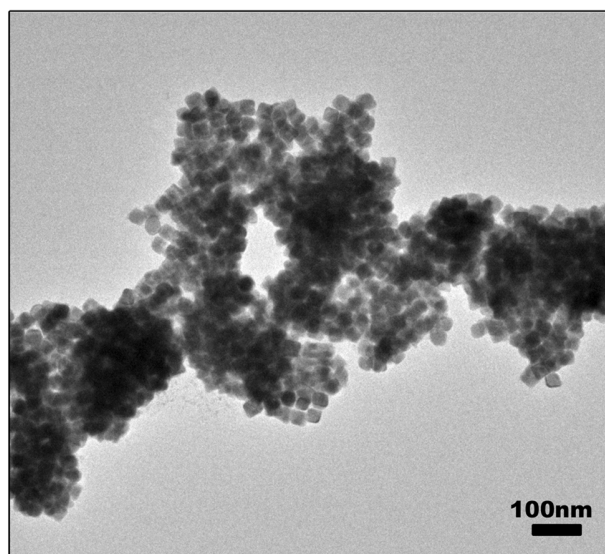


Figure S4. TEM image of agglomerates of PbSe particles obtained in the absent of OLA.