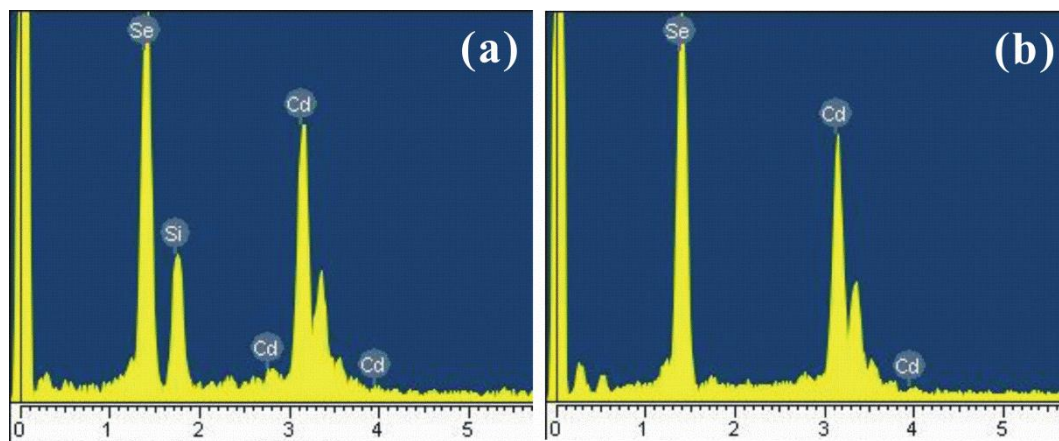


## Supplementary Information

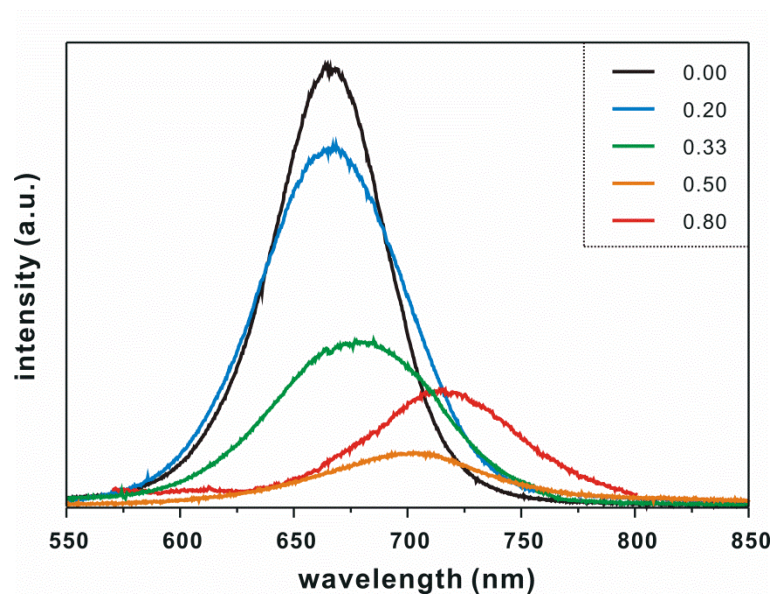
### Precursor-Dependent Shape Variation of Wurtzite CdSe Crystals in a Microwave-Assisted Polyol Process

*Hyung-Bae Kim and Du-Jeon Jang\**

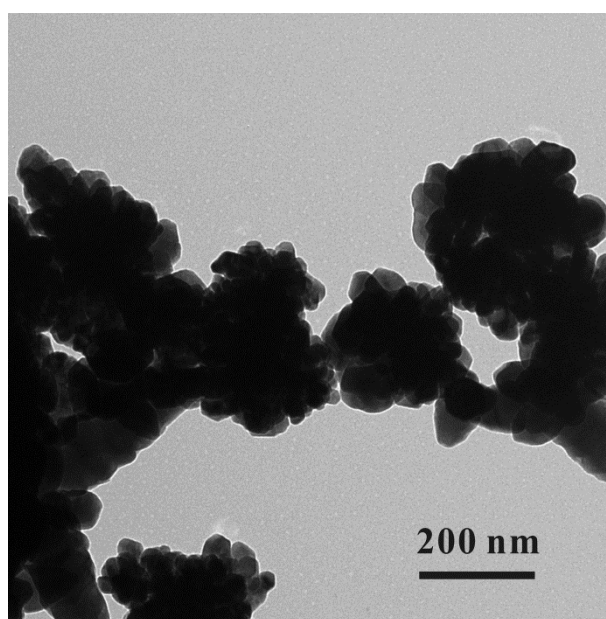
School of Chemistry, Seoul National University, NS60, Seoul 151-747, Korea



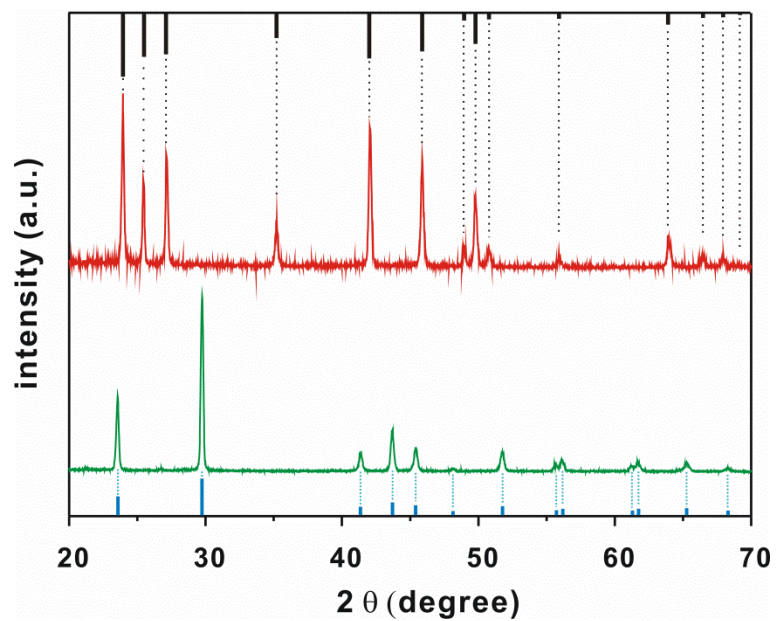
**Fig. S1** EDX spectra of CdSe crystals grown in ethylene glycol for 10 min at X values of 0 (a) and 0.8 (b). The Si peak has originated from the silicon wafer substrate.



**Fig. S2** Photoluminescence spectra of as-prepared CdSe crystals produced in ethylene glycol at various X values indicated inside. All of the samples were suspended in ethanol at room temperature and excited at 355 nm.



**Fig. S3** TEM images of CdSe crystals grown at X values 0.8 in glycerol for 10 min.



**Fig. S4** HRXRD patterns of the reference wurtzite CdSe (black), the reference trigonal bulk selenium (blue), and crystals grown at an X value of 1.0 in glycerol (red) and ethylene glycol (green).