

Size-Dependent Composition and Molar Extinction Coefficient of PbSe Semiconductor Nanocrystals

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SUPPORTING INFORMATION

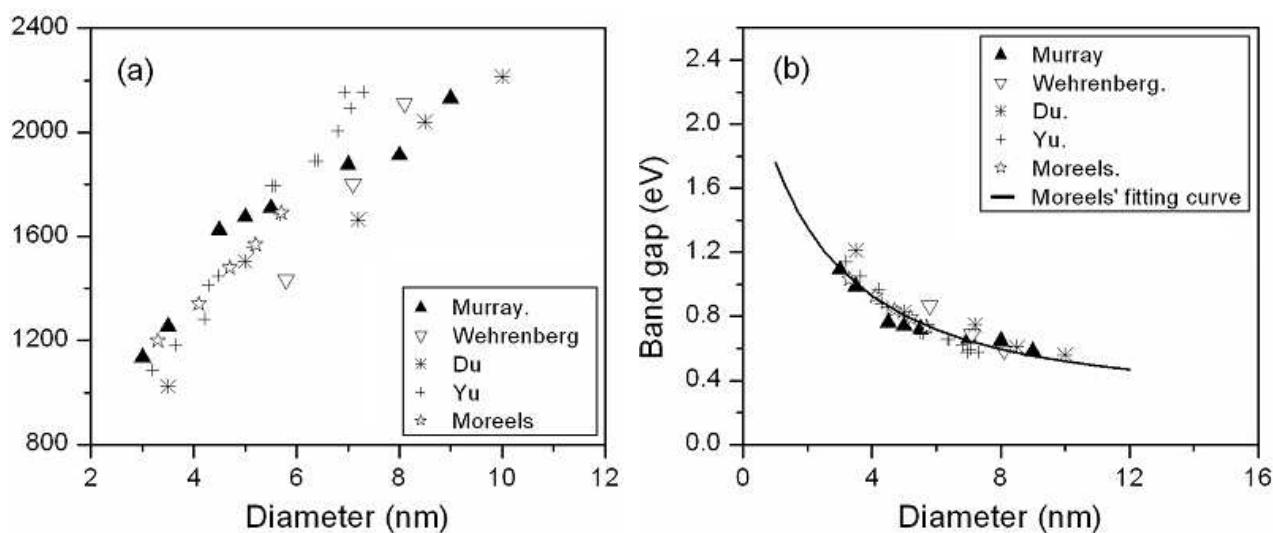


Figure S1. PbSe particle sizes collected from the literature¹⁻⁵ versus either the first absorption peak positions (a) or the optical band gaps (b). A similar figure was illustrated in our previous publication.²

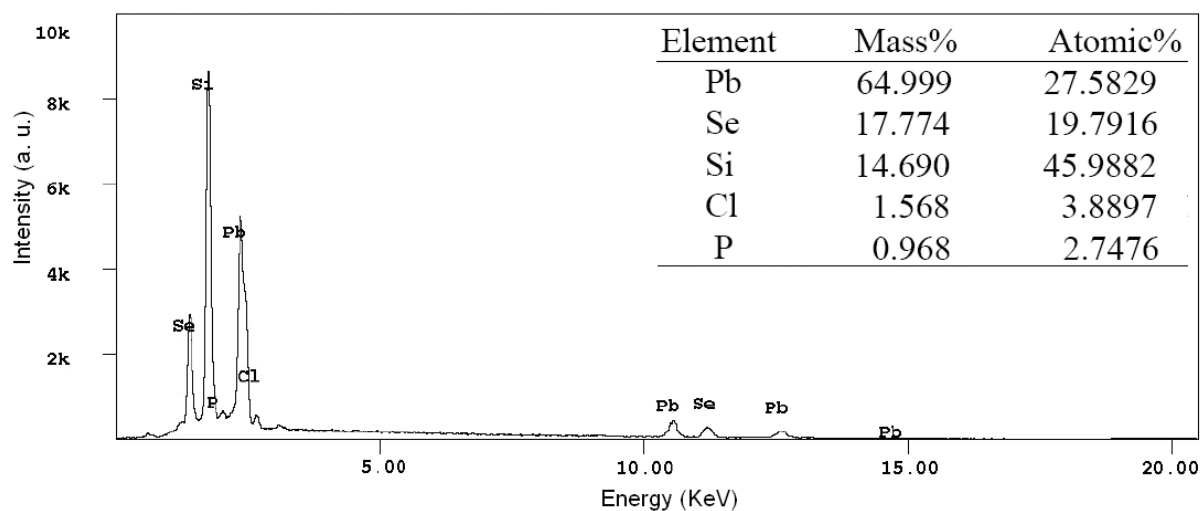


Figure S2. Energy-dispersive spectrum of a PbSe nanocrystal sample produced in Synthesis 3. This spectrum was performed by a JEOL JXA-8200 electron probe microanalyzer, where the corresponding Pb/Se atom ratio was found to be 1.39:1. It indicated that the Pb atom termination on the PbSe nanocrystal surface was independent on synthetic methods.

REFERENCES AND NOTES

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