Electronic Supplementary Material (ESI) for Nanoscale

Supporting information for

The Influence of Applied Magnetic Fields on the Optical Properties of Zero- and One-Dimensional CdSe Nanocrystals

Daniel E. Blumling,[a] Stephen McGill[b] and Kenneth L. Knappenberger, Jr.[a]*

[a]Departments of Chemistry and Biochemistry, Florida State University, Tallahassee, FL 32306

[b]National High Magnetic Field Laboratory, Tallahassee, FL 32310

klk@chem.fsu.edu

Size-dependent Magneto-Photoluminescence: Intensity Integrated.

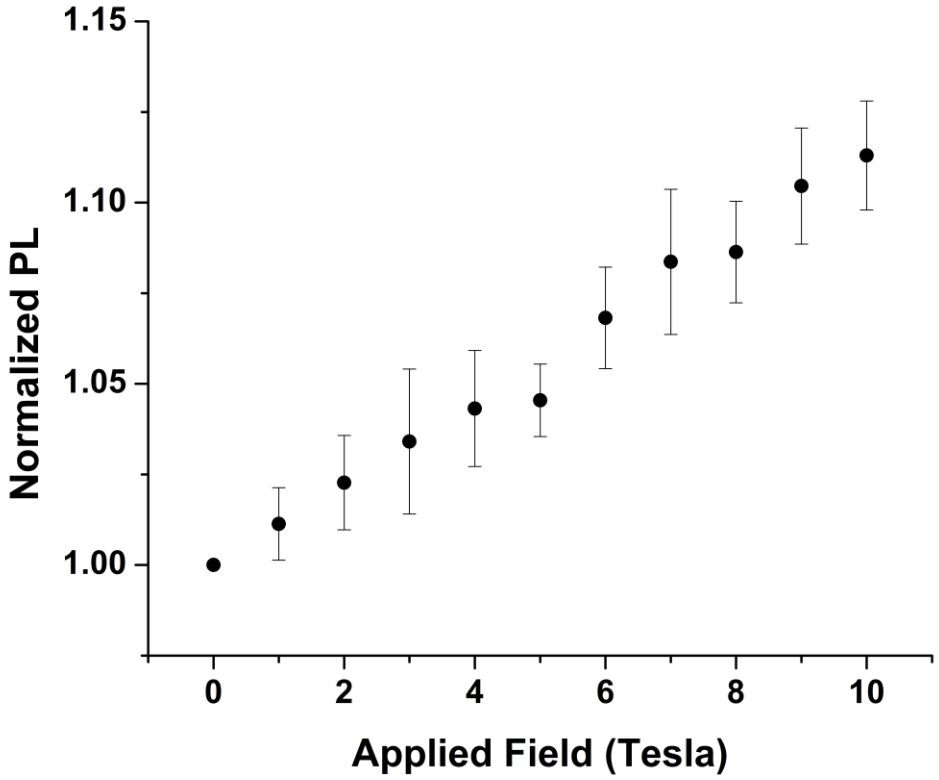

Figure S1. Normalized MPL obtained from 3.5-nm 0-D quantum dots excited using 400-nm light. The sample temperature was 4.2 K

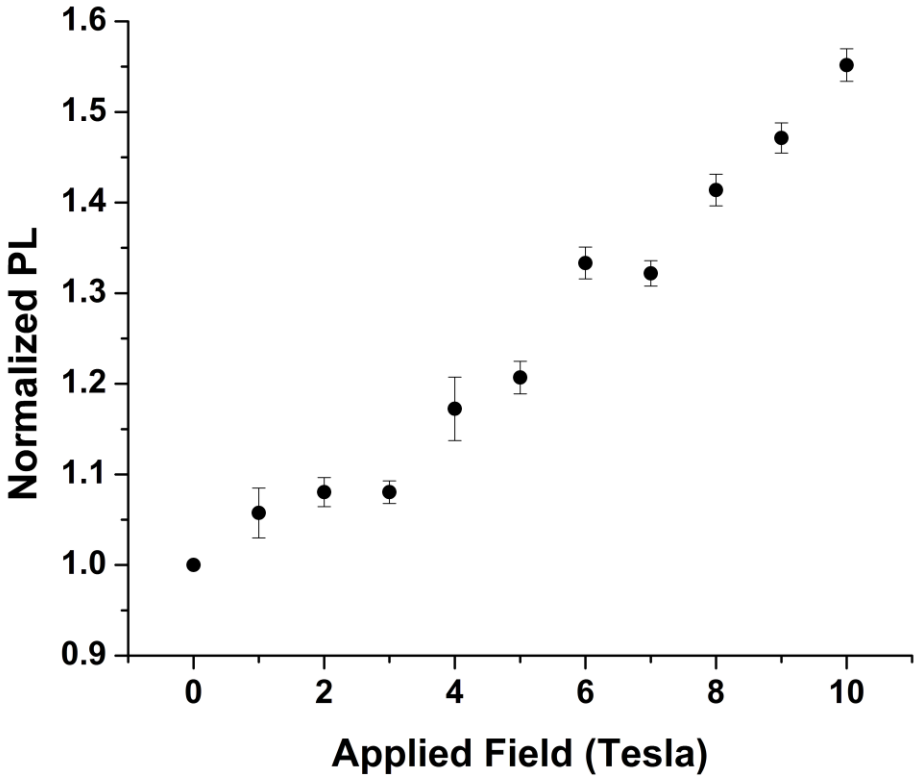

Figure S2. Normalized MPL obtained from 6 nm x 20 nm 1-D quantum nanorod excited using 400-nm light. The sample temperature was 4.2 K

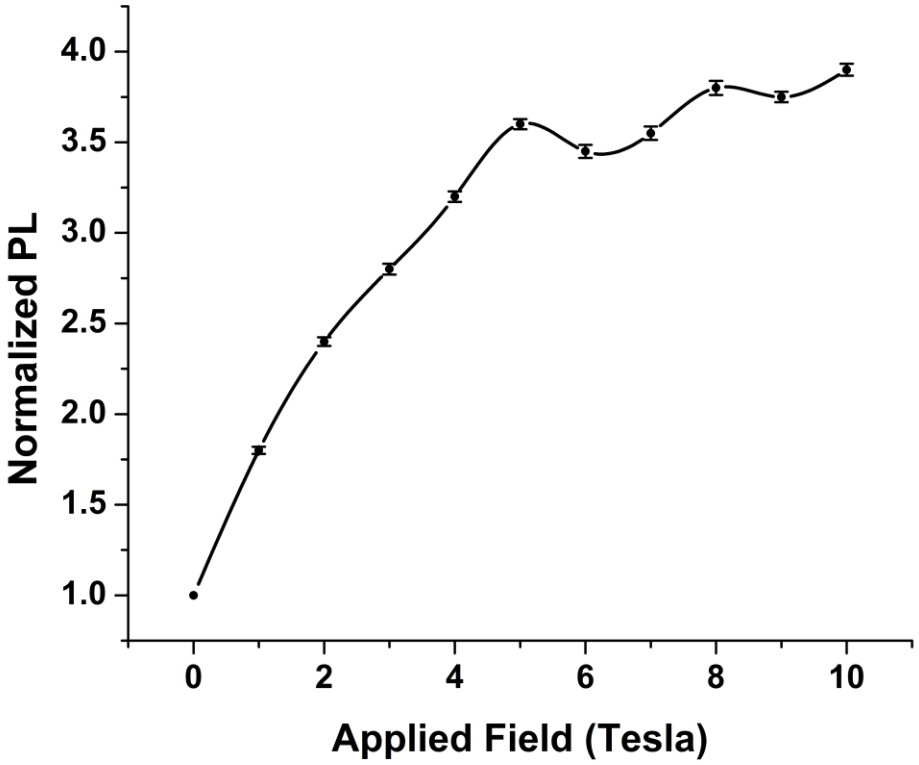

Figure S3. Normalized MPL obtained from 6 nm x 35 nm quantum nanorod excited using 400-nm light. The sample temperature was 4.2 K. Average values and standard deviations are determined by carrying out experiments in triplicate. Note: small amplitude modulations and plateau at large applied magnetic field strengths.