Semiconductor Quantum Dots

- Bulk Band Structure
- Conduction Band
- Band Gap
- Valence Band
- Quantum Dots

Energy

Decreasing Size

Absorbance

PL Intensity (a.u.)

Wavelength (nm)

240 320 400 480 560 640

20 40 60 80 100

Carbon Dots

Perovskite Nanocrystals

PL Intensity (a.u.)

Wavelength (nm)

400 450 500 550 600 650 700 750

Green

Red

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