

Correction to Direct vs Delayed Triplet Energy Transfer from Organic Semiconductors to Quantum Dots and Implications for Luminescent Harvesting of Triplet Excitons

Victor Gray, Jesse R. Allardice, Zhilong Zhang, Simon Dowland, James Xiao, Anthony Petty, II, John E. Anthony, Neil C. Greenham, and Akshay Rao*

ACS Nano 2020, 14 (4), 4224–4234. DOI: 10.1021/acsnano.9b09339



Cite This: ACS Nano 2020, 14, 10748–10749



Read Online

ACCESS |



Metrics & More



Article Recommendations

The numbers referring to the ligand coverage were incorrectly reported in the Results/Discussion section. The previous numbers read: “The ligand coverage was within the range 1.6–1.9 TET-CA/nm² for all sizes of QDs”. The corrected numbers should read: “The ligand coverage was within the range 0.45–0.7 TET-CA/nm² for all sizes of QDs”. See below for the updated Table S1 and Figure S2.

Table S1. Properties of the Synthesized PbS QDs

exciton band gap (eV)	diameter (nm)	size distribution (%)	ligand/QD	ligand/nm ²
0.90	4.9	5.3	37.0	0.47
1.00	4.3	8.0	34.0	0.57
1.08	4.0	6.3	25.6	0.53
1.18	3.5	8.2	24.5	0.63
1.30	3.1	4.9	20.8	0.69

These changes do not alter any of the discussion or conclusions made in the article.

Received: July 31, 2020

Published: August 10, 2020



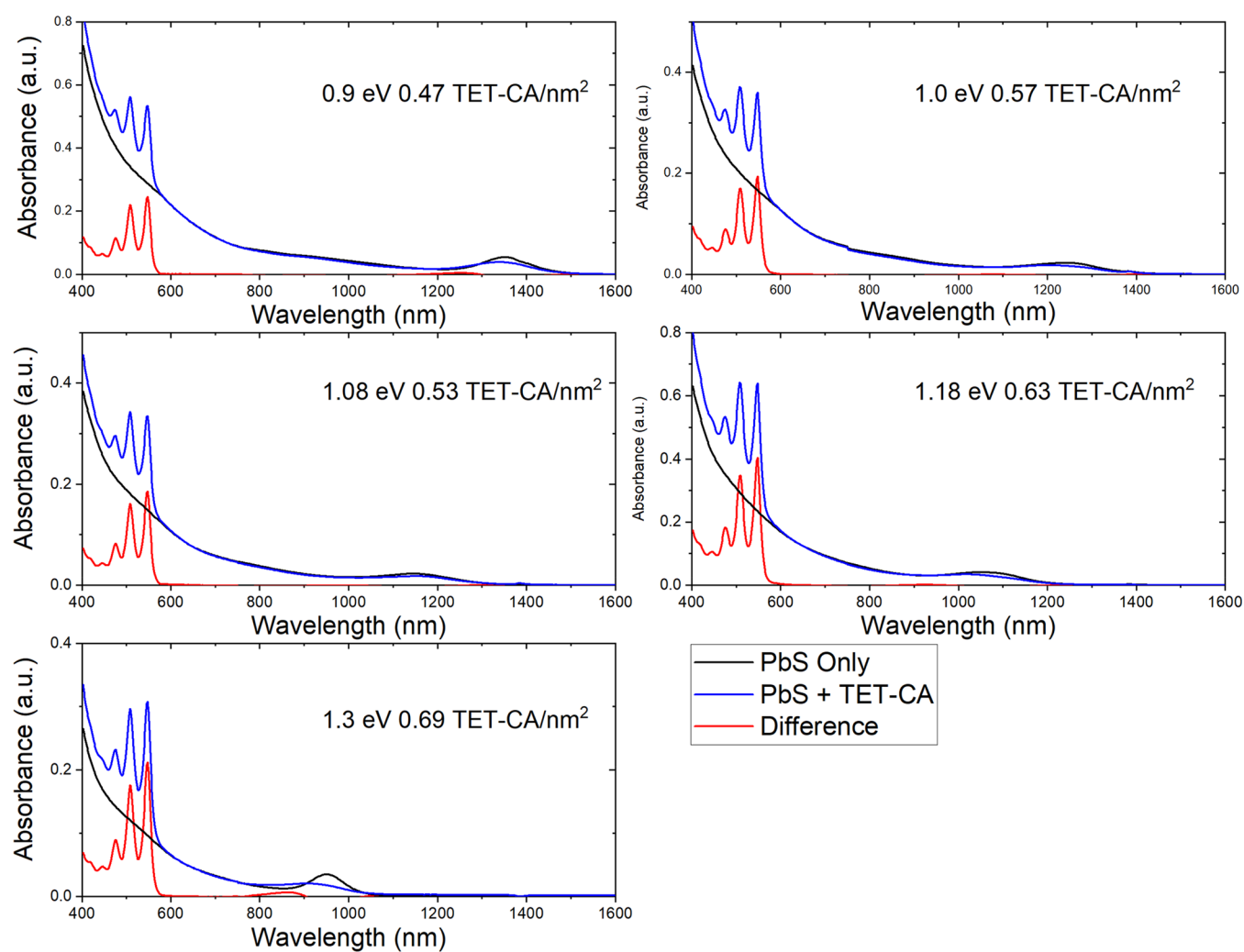


Figure S2. Absorption spectra of PbS QDs and PbS QDs with TET-CA ligand in toluene, used to determine the ligand coverage.