

Supporting Information

for

Tunable light filtering by a Bragg mirror/heavily doped semiconducting nanocrystal composite

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Transmission dependence on refractive index of the tunable filter for a Bragg mirror coupled to an ITO NC film.

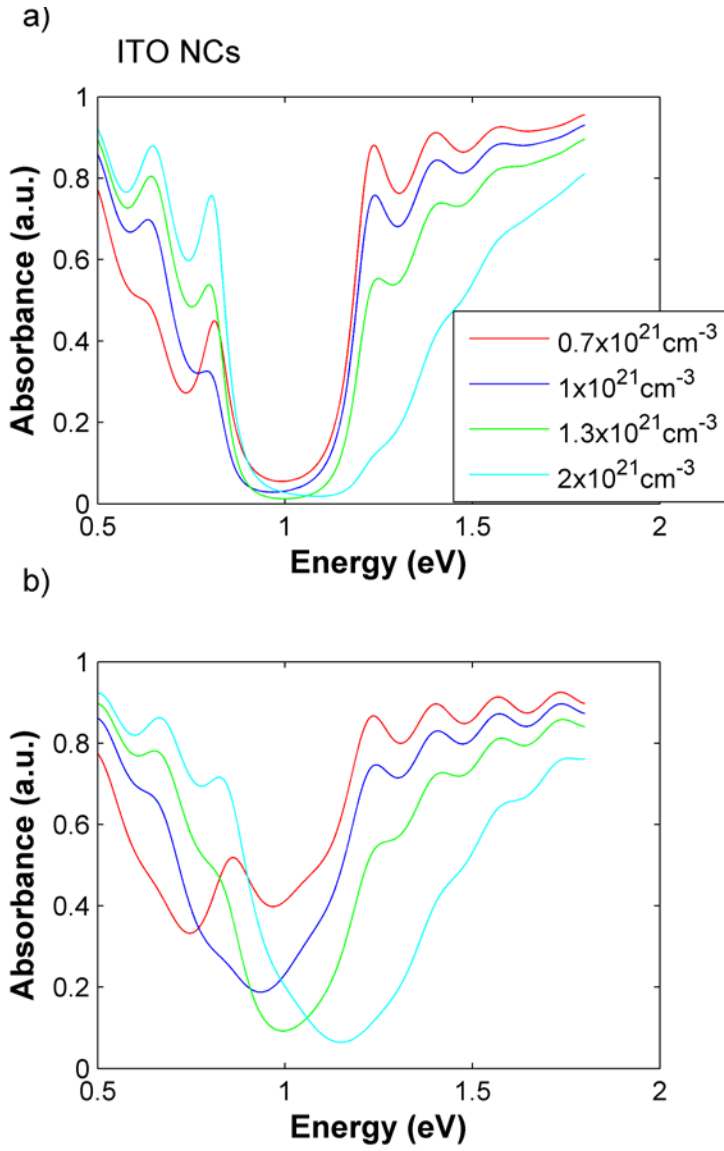


Figure S1: Transmission of the tunable light filter for a Bragg mirror coupled to an ITO NC film for varying carrier concentrations representing the band gap tuning of the Bragg mirror. In Figure S1a the refractive indexes of the two materials are 2 and 1.48, respectively, while in Figure S1b the refractive indexes of the two materials are 1.8 and 1.53, respectively.