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半菁染料作为染料敏化太阳能电池吸光材料的理论研究

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Theoretical Study of Hemicyanine Dye as a Dye-Sensitized Solar Cell Light-Absorbing Material

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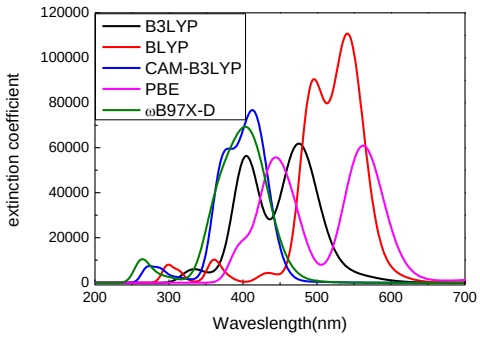

Fig.S1 Calculated UV-Vis spectra of the dye in methanol using different TD-DFT

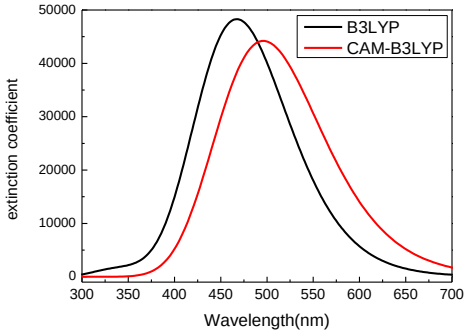

Fig.S2 Calculated UV-Vis spectra of the $(TiO_2)_{15}$-dye using different TD-DFT

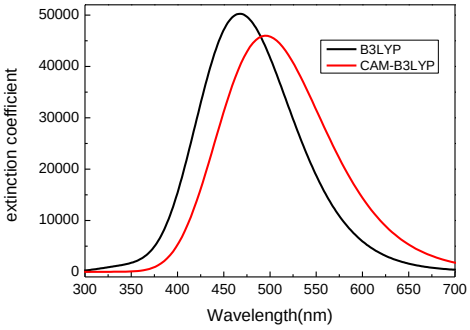

Fig.S3 Calculated UV-Vis spectra of the $(TiO_2)_9$-dye using different TD-DFT