



Figure S1. (a) Diffuse reflectance spectra of TiO₂ (grey curve), TiO₂/CNT (dark grey curve), TiO₂/AuCNT (red curve) and close-ups corresponding to (b) TiO₂, (c) TiO₂/CNT, and (d) TiO₂/AuCNT. All powders were prepared as 1 wt% dispersions in BaSO₄ and spectra were corrected using the diffuse reflectance of pure BaSO₄ as reference.