Supporting information

Insights into Rutile/Brookite Homojunction of Titanium Dioxide: Separated Reactive Sites and Boosted Photocatalytic Activity

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Supplementary Figures

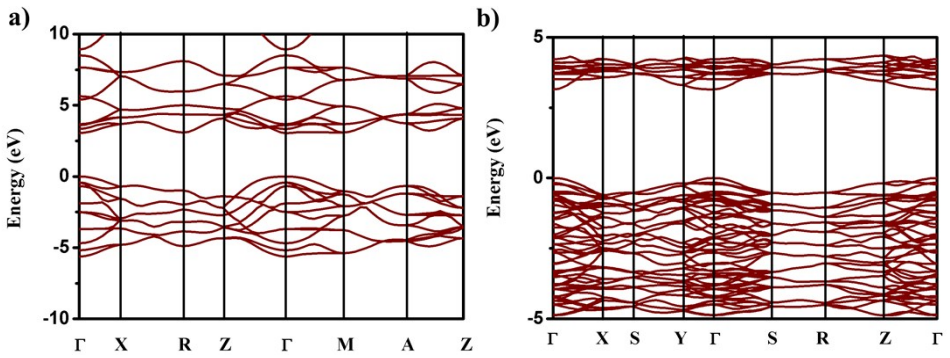

Fig. S1. Results of density of states (DOS) calcultions for (a) rutile and (b) brookite TiO_2 by CASTEP.

Table S1. Summary of surface area according to Brunauer−Emmett−Teller (BET) analysis

Samples	**S_{BET} (m^2/g)**	**BJH pore diameter (nm)**
Rutile TiO2	61	19
Rutile/Brookite TiO2	59	26
Brookite TiO2	101	16