

Supporting Information

for

Synthesis and characterization of noble metal– titania core–shell nanostructures with a tunable shell thickness

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Additional experimental data

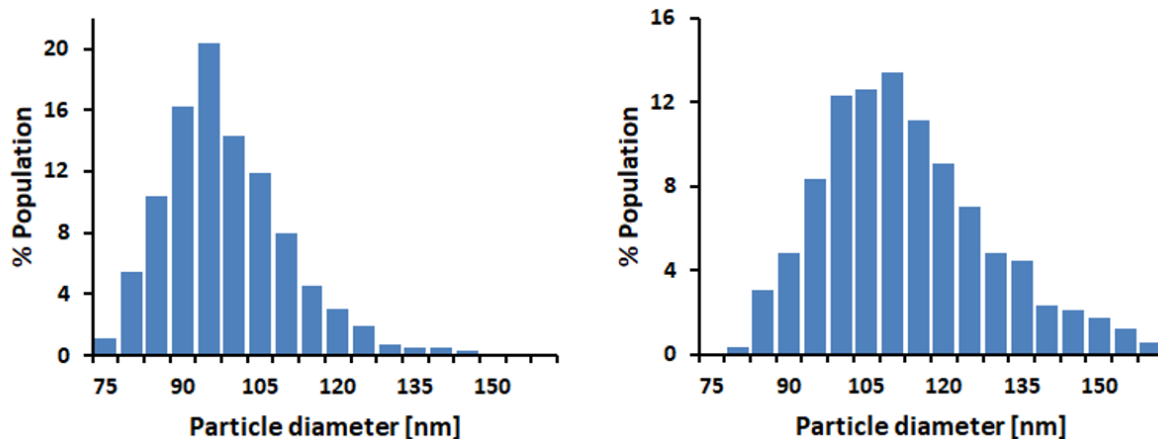


Figure S1: TRPS size histograms of gold (left) and silver (right) nanoparticles.



Figure S2: Images of Ag@TiO₂ (left) and Au@TiO₂ (right) core-shell nanostructures in form of powders and water suspensions.

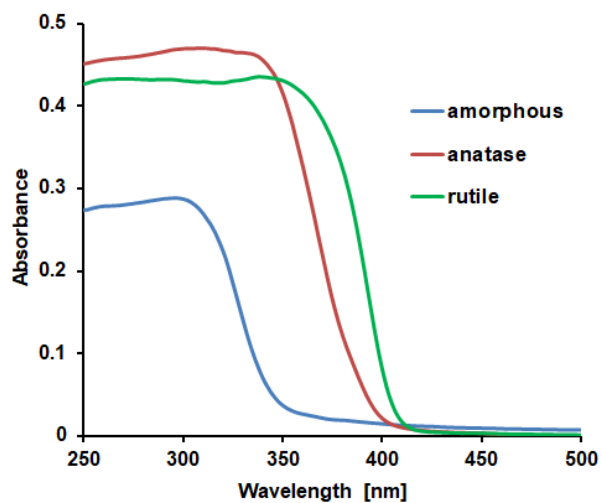


Figure S3: UV-vis spectra of TiO₂ particles in the amorphous and crystalline forms.

Table S1: Concentration of TBT in final mixtures.

| Sample | A, E | B, F | C, G | D, H |
|-------------------|--------|--------|--------|--------|
| TBT concentration | 2.0 mM | 2.9 mM | 3.7 mM | 4.6 mM |