Preparation of well-defined titania-silica spherical particles

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Fig. S1  SEM and TEM images of the titania-silica hybrid particles at different Si/Ti atomic ratio after the extraction of ODA and the calcination at 800 °C for 24 h.

Ti1Si0.19(0.19)  Ti1Si1.7(0.94)  Ti1Si15(1.5)

500 nm  500 nm  500 nm

50 nm  50 nm  50 nm
Fig. S2  XRD patterns of the titania-silica hybrid particles with different Si/Ti atomic ratio after the extraction of ODA and the calcination in air at 800 °C for 24 h.
Fig. S3 FT-IR spectra of the titania-silica hybrid particles at different Si/Ti atomic ratio after the extraction of ODA.