

Low-density Ag–Au Nanoparticle Photodeposition on TiO₂ Thin Film Photocatalysts Grown by Atomic Layer Deposition

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Supplementary information:

S1: Photocatalytic activity test degradation curves

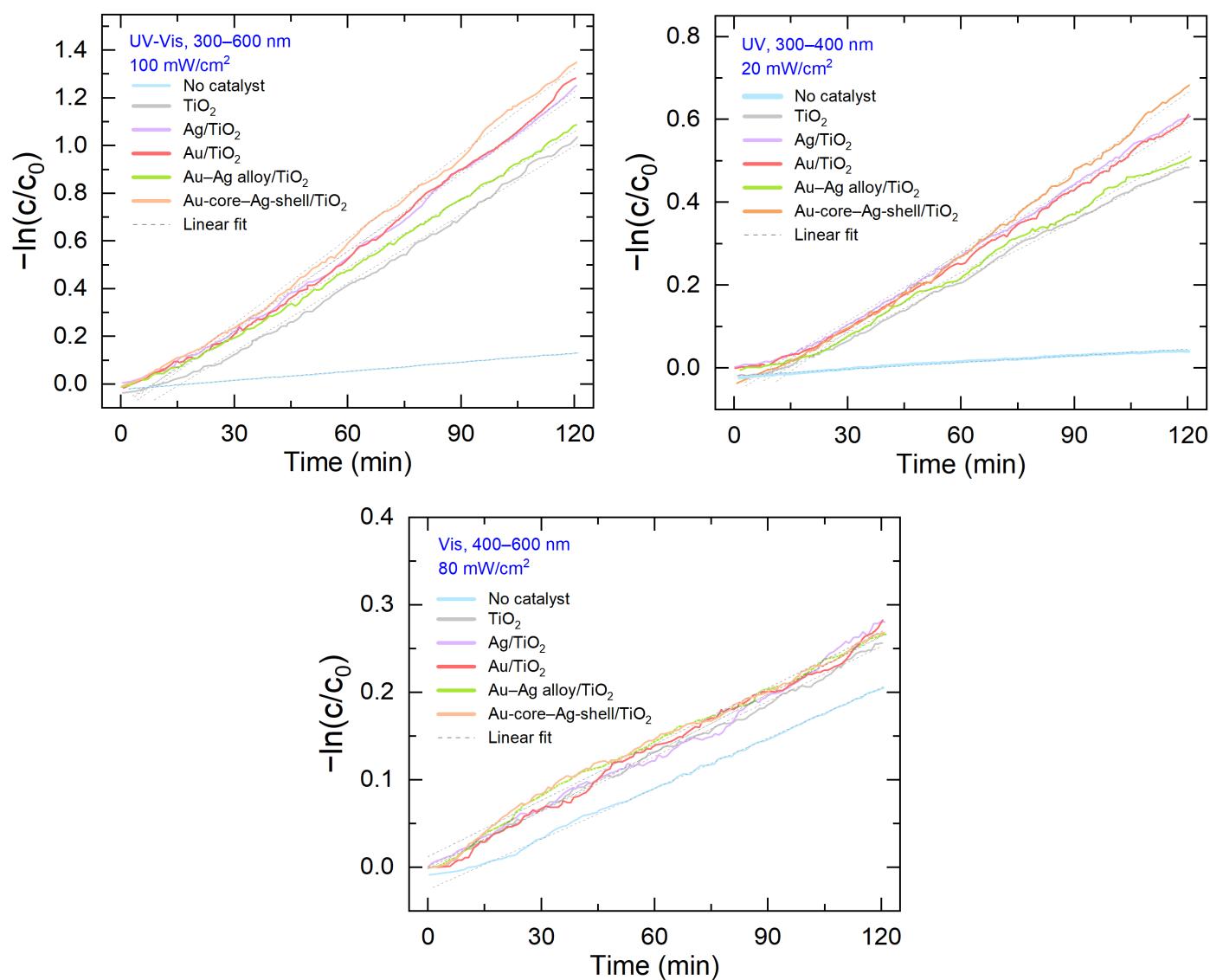


Figure S1: Photocatalytic methylene blue degradation curves.

S2: SEM analysis

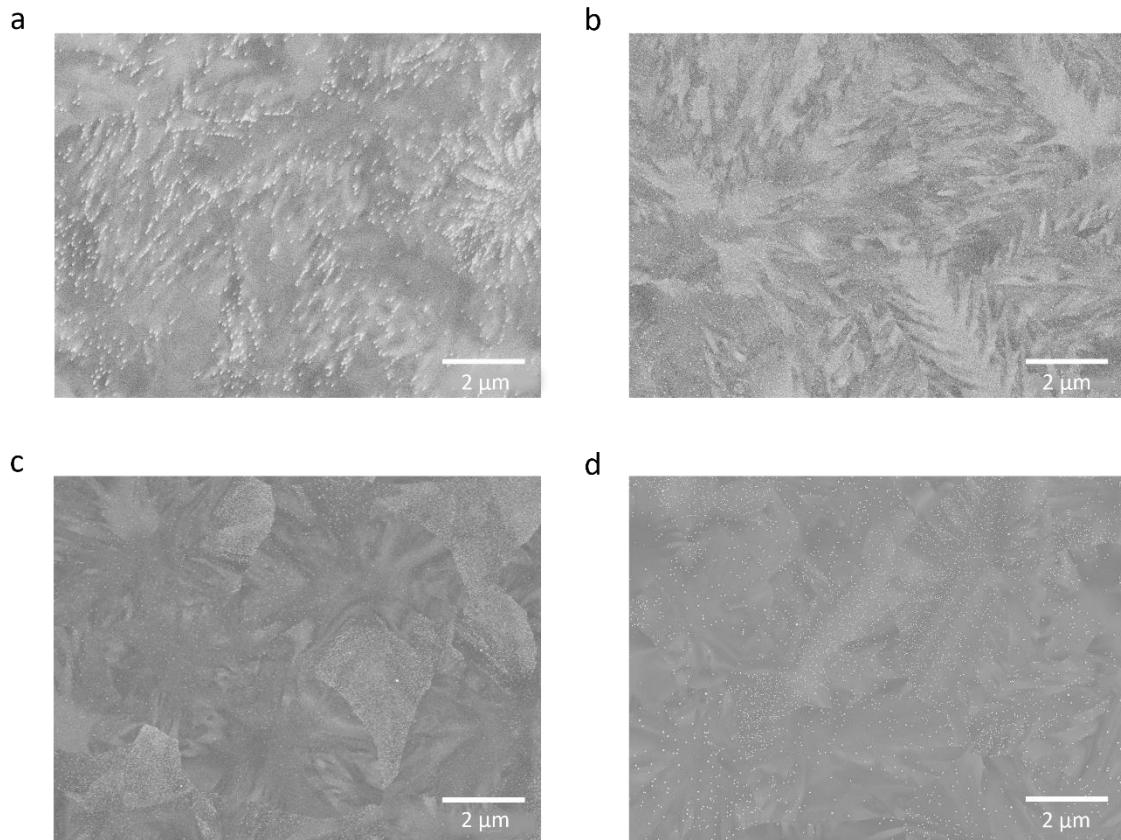


Figure S2: Large area SEM images of (a) Ag (b) Au (c) Au-core–Ag-shell (d) Au–Ag alloy nanoparticles on ALD TiO_2 films. The images were used further for particle size distribution analysis using ImageJ software.

S3: SEM analysis

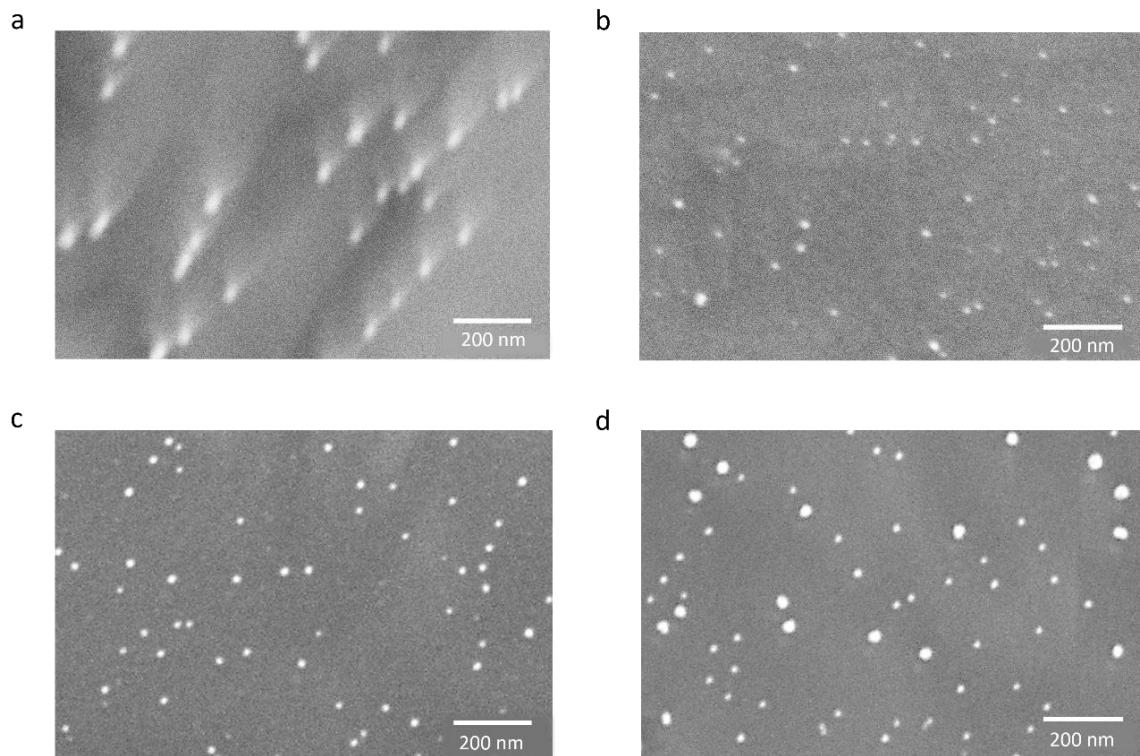


Figure S3: Higher magnification SEM images of (a) Ag (b) Au (c) Au-core–Ag-shell (d) Au–Ag alloy nanoparticles on ALD TiO_2 films. The images were used further for particle size distribution analysis using ImageJ software.