

Supplementary Materials: Highly-Efficient Plasmon-Enhanced Dye-Sensitized Solar Cells Created by Means of Dry Plasma Reduction

Van-Duong Dao and Ho-Suk Choi

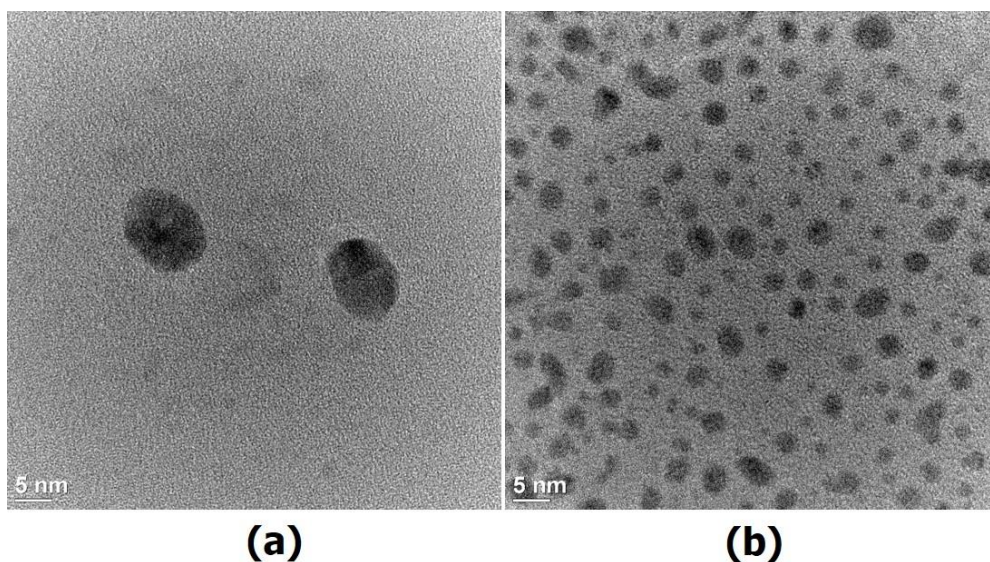


Figure S1. (a) Transmission electron microscopy (TEM) images of Ag nanoparticles (NPs) and (b) Au NPs on a Cu grid as synthesized by means of dry plasma reduction.

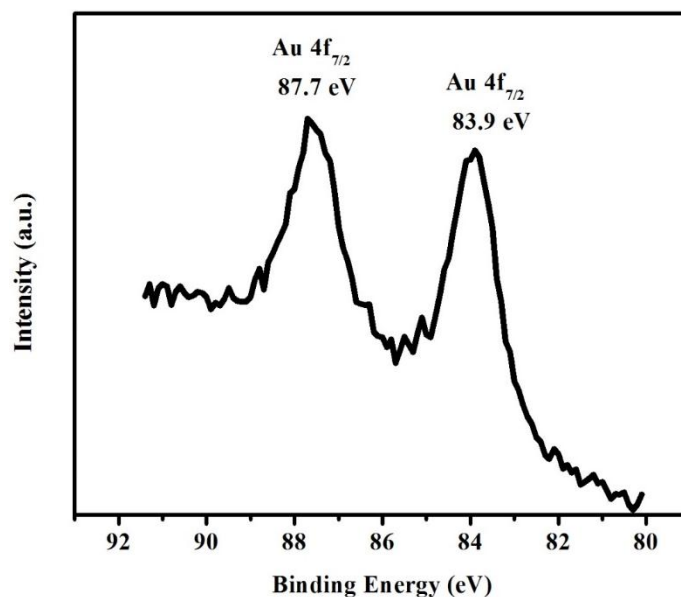


Figure S2. X-ray photoelectron spectroscopy (XPS) spectra of Au nanoparticles on a fluorine-doped tin oxide (FTO) glass substrate. a.u.: arbitrary unit.

Table S1. Elemental composition percentages on the fluorine-doped tin oxide (FTO) glass surface obtained from the dry plasma reduction of HAuCl_4 on FTO glass.

Elemental Composition (%)			
Sn	O	Au	Cl
27.23	71.6	1.21	0.00

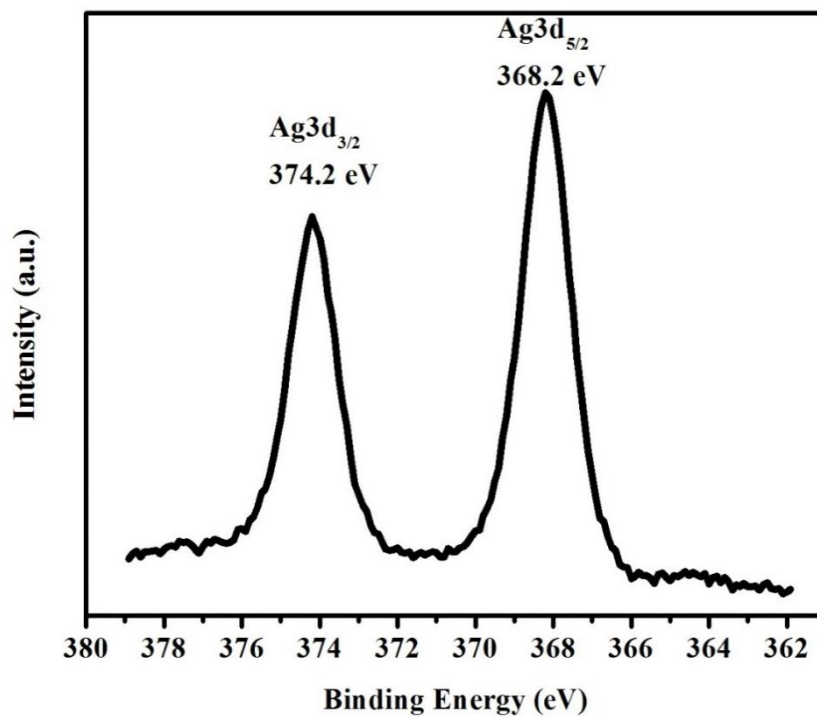


Figure S3. X-ray photoelectron spectroscopy (XPS) spectra of Ag nanoparticles on a FTO glass substrate.

Table S2. Elemental composition percentages on the FTO glass surface obtained from the dry plasma reduction of AgNO₃ on FTO glass.

Elemental Composition (%)			
Sn	O	Ag	N
26.93	66.49	6.58	0.00



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