

On the Hot Carrier Generation and Extraction of Plasmonic Alloy Nanoparticles

Supporting information

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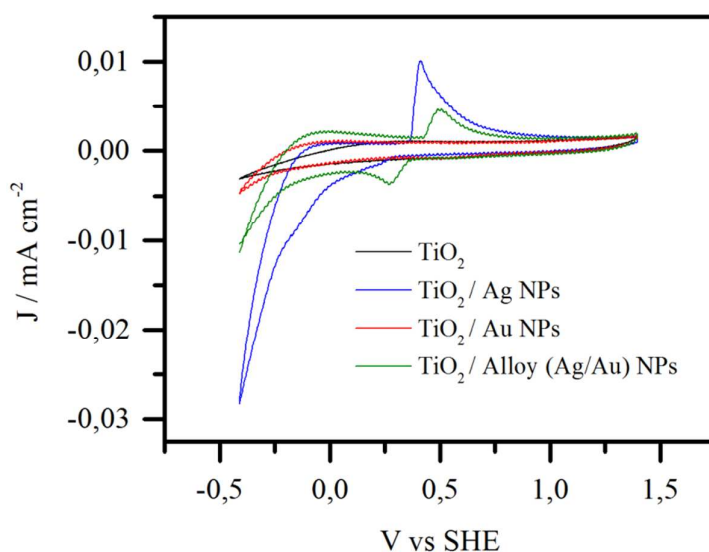


Figure S1. Anodic and cathodic cyclic voltammetry sweeps in the dark for the TiO_2 films with and without decorating plasmonic PNPs.

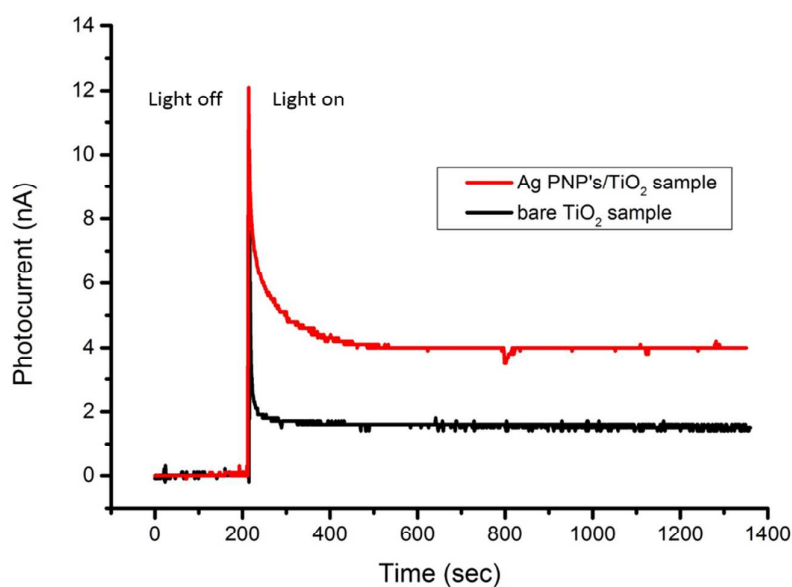


Figure S2. Photocurrent stability measurements of the bare TiO_2 and TiO_2/Ag PNPs photoelectrodes when illuminated with monochromatic light ($\lambda = 430 \text{ nm}$) at 0.2 V vs SHE with methanol-phosphate buffer (50 % v/v) as electrolyte.