

Supporting Information

Plasmon Enhanced Photocatalytic Activity of Iron Oxide on Au Nanopillars

Hanwei Gao^{1‡}, Chong Liu^{1‡}, Hoon Eui Jeong¹, and Peidong Yang^{1,2}*

¹Department of Chemistry, University of California, Berkeley, California 94720, USA

²CEAMR-KAU, King Abdulaziz University, Jeddah 21589, Saudi Arabia

*To whom correspondence should be addressed. e-mail: p_yang@berkeley.edu

‡These authors contributed equally to this work.

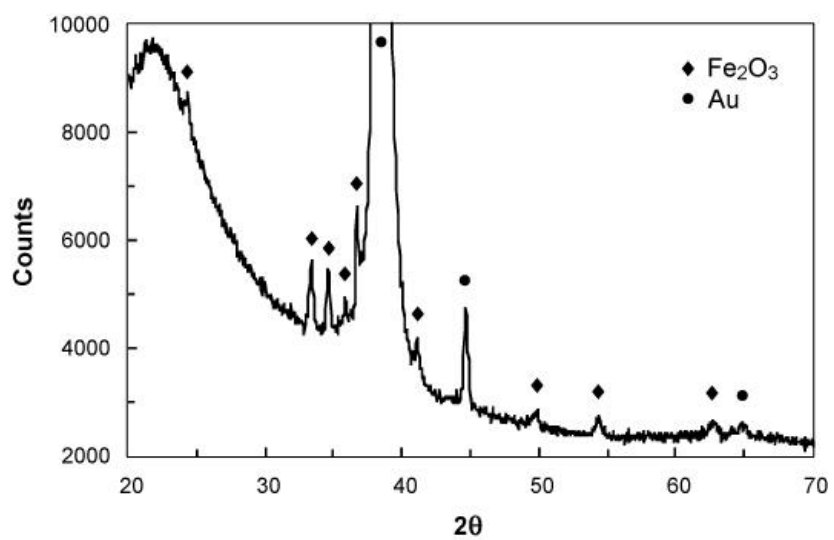


Figure S1 XRD of Fe₂O₃ thin film on planar Au.

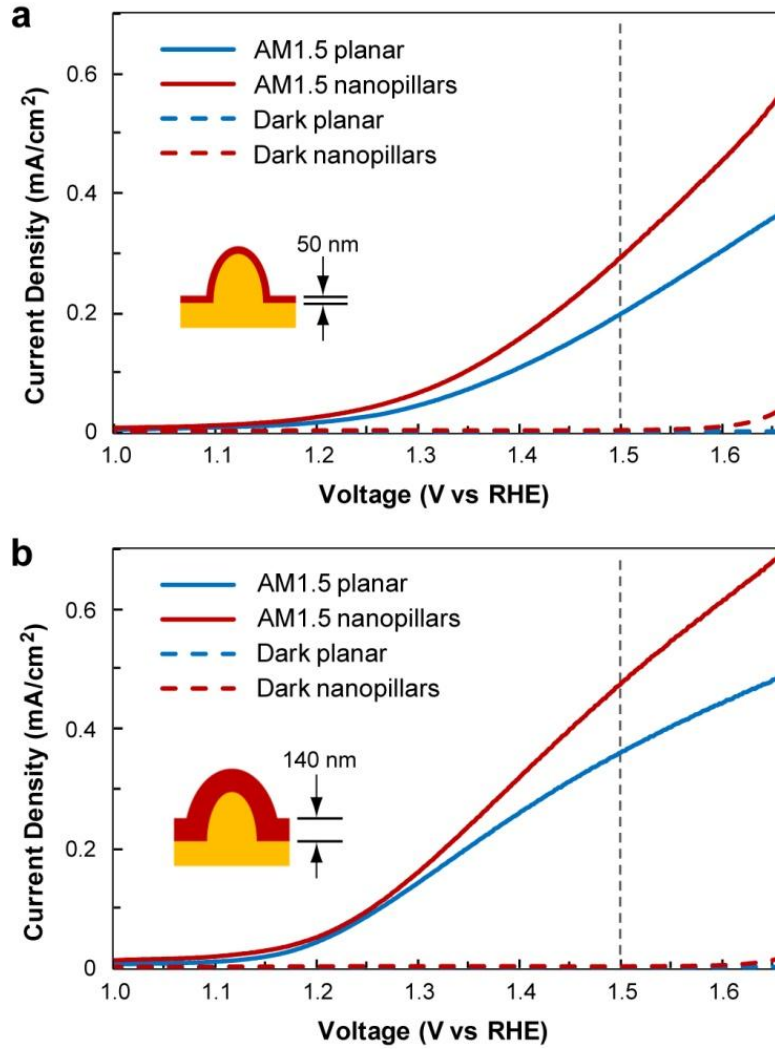


Figure S2 Photocurrent from Fe₂O₃ with different thicknesses: (a) 50 nm (b) 140 nm.