

SUPPLEMENTARY INFORMATION

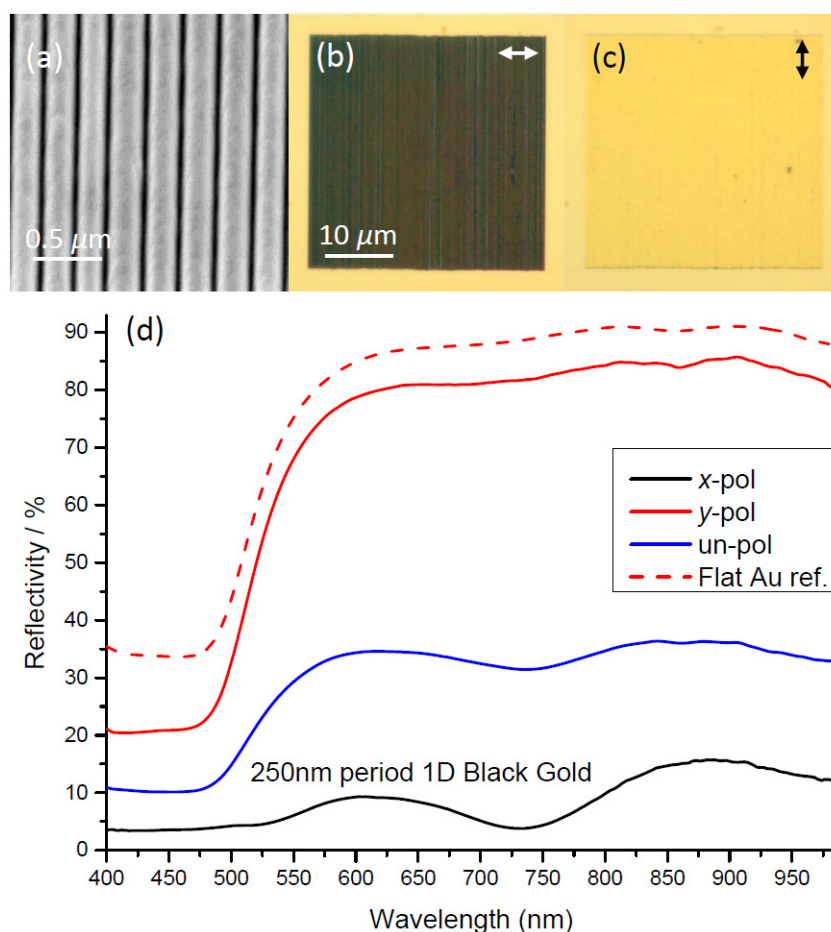
Plasmonic black metals via radiation absorption by two-dimensional arrays of ultra-sharp convex grooves

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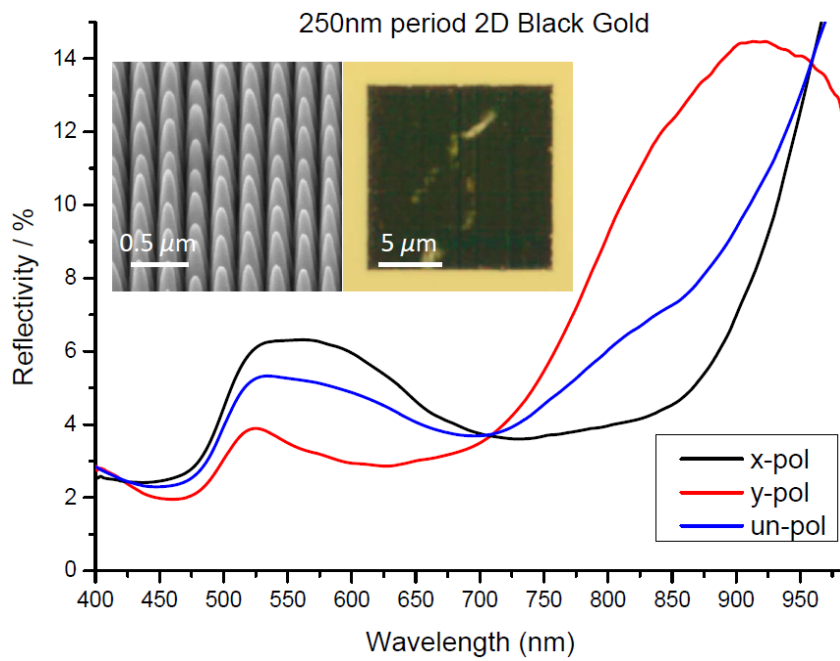


Figure S2. Reflectivity spectra of *2D black gold*, exhibiting some anisotropy due to material re-deposition by the previous FIB fabrication procedure¹¹. Insert: SEM image taken at 54 deg. relative to normal incidence of the ion beam, along with un-polarized optical microscopy image of 2D black gold and smooth gold background, revealing minor post-fabrication damage to the structure.