

Supplementary information

Fabrication and photoelectrochemical properties of ZnS/Au/TiO₂ nanotube array films

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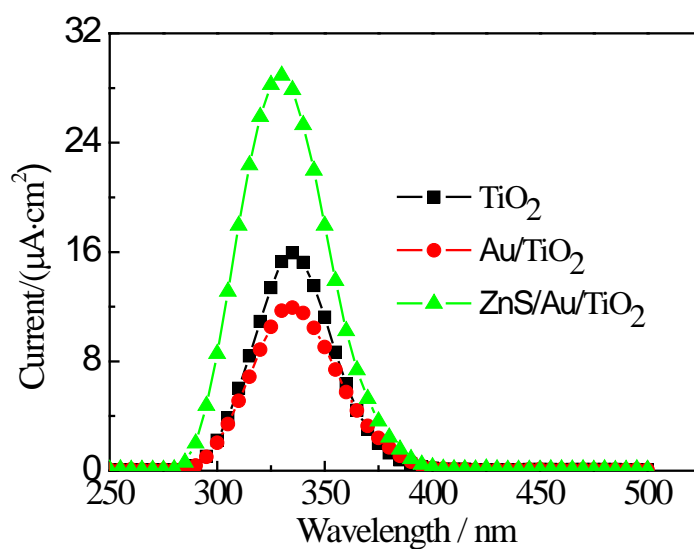


Fig.S1 Photocurrent spectra of photoanodes with different nanotube films

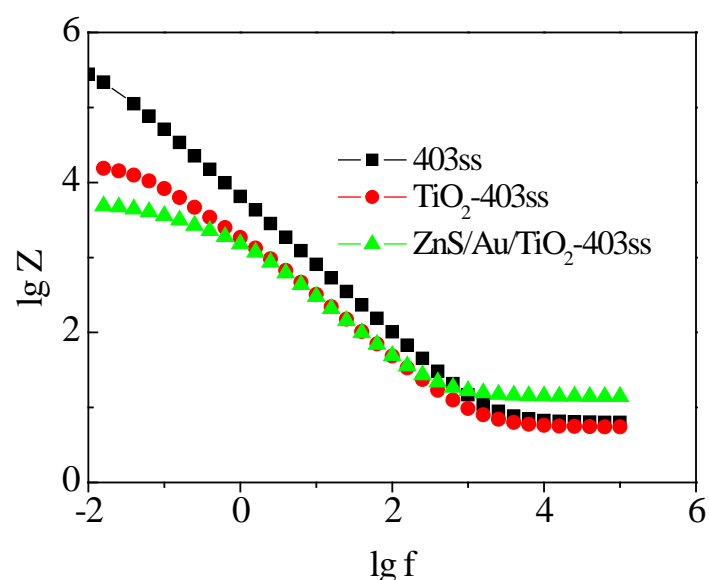


Fig. S2 The EIS results Bode- $|Z|$ versus frequency.

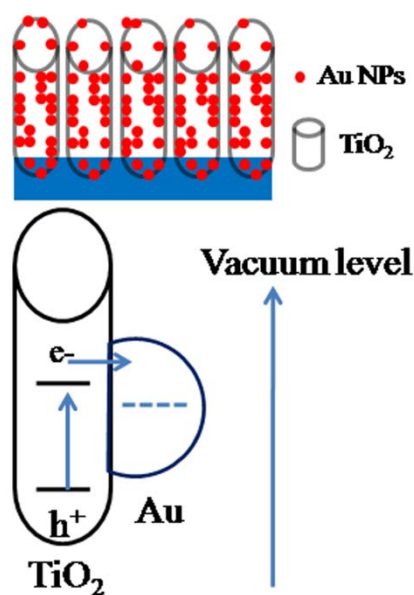


Fig. S3 Schematic diagrams of charge transfer mechanism in the Au/ TiO_2 nanotube array film.