Supporting Information

A New Strategy to Fabricate Nanoporous Gold and Its Application in Photodetector

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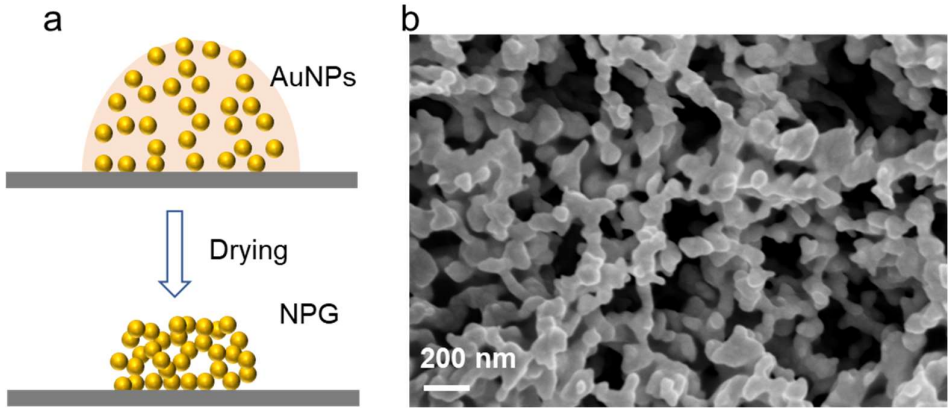

Figure S1. (a) The schematic diagram of the formation process of the AuNP electrode. (b) SEM images of the AuNP electrode before posttreatment.

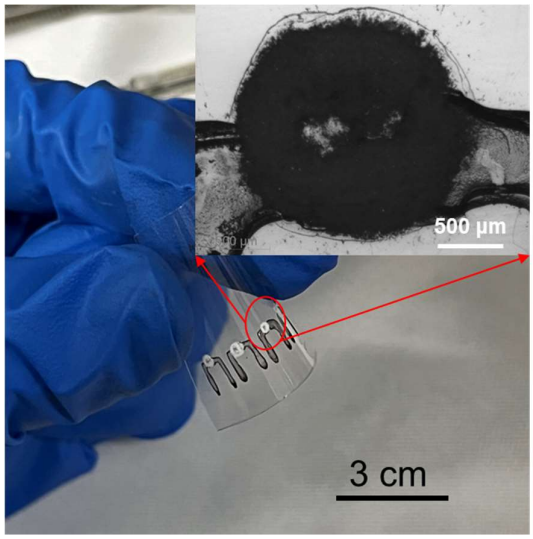

Figure S2. Optical picture of the photodetector based on NPG electrode.

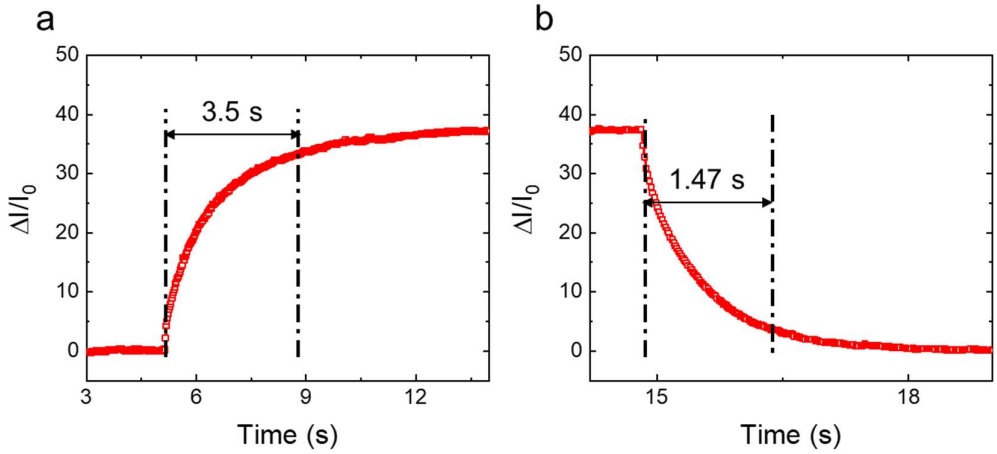

Figure S3. The corresponding I-t curves of the photodetector based on NPG electrode. (a) The enlarged rise process of the current response under UV illumination, (b) The enlarged recovery process of the current response under UV illumination.

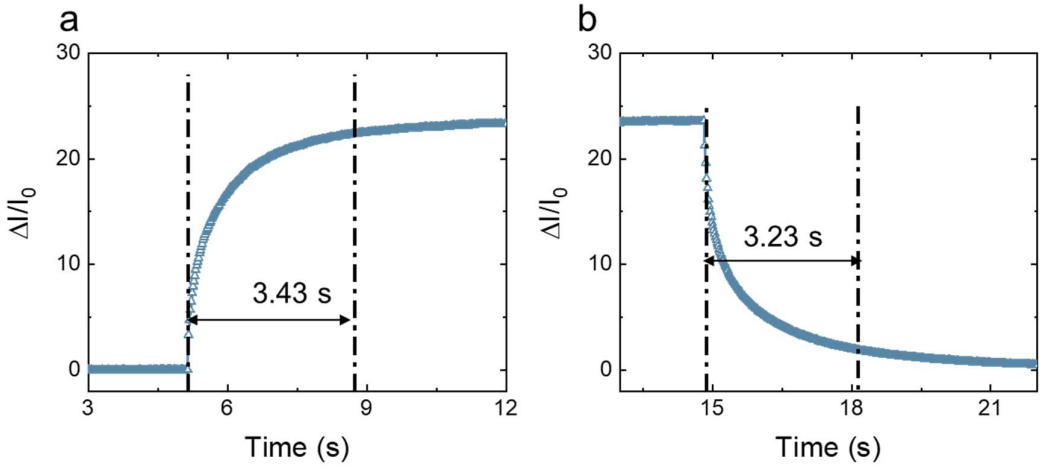

Figure S4. The corresponding I-t curves of the Au/ZnONWs photodetector. (a) The enlarged rise process of the current response under UV illumination, (b) The enlarged recovery process of the current response under UV illumination.

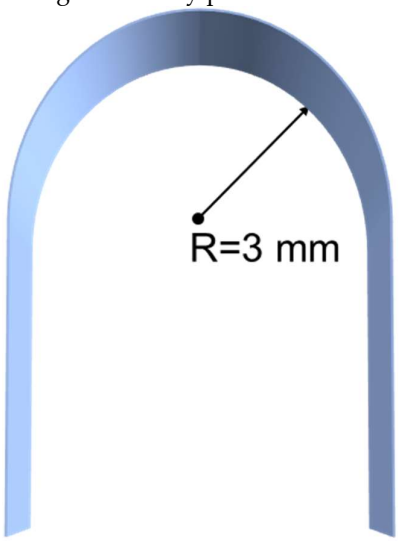

Figure S5. The schematic diagram of the bending test.