

Supporting Information

High-performance flexible ZnO nanorod UV photodetectors with network-structured Cu nanowire electrode

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FIGURES

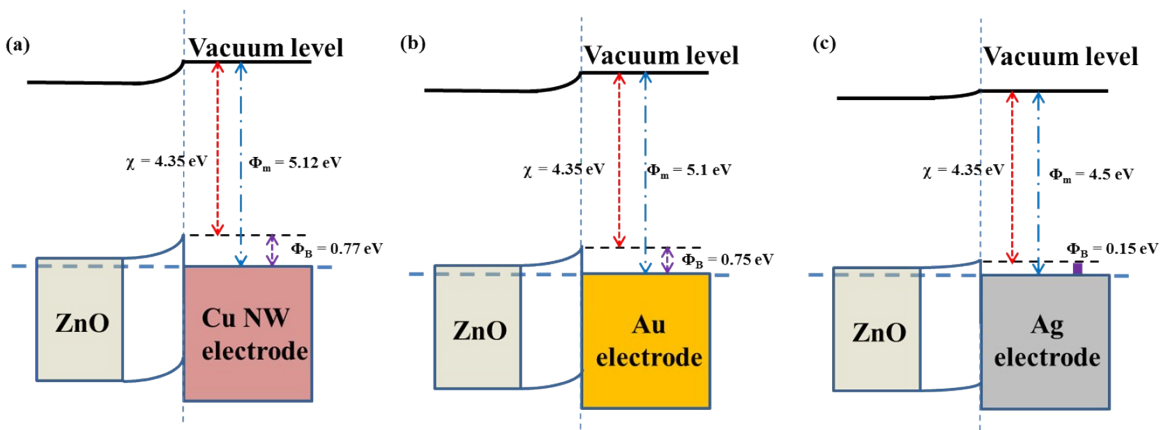


Fig. S1 Schematic energy band diagrams at the junctions of (a) ZnO NR layer/Cu NW electrode, (b) ZnO NR layer/Au electrode, and (c) ZnO NR layer/Ag electrode.

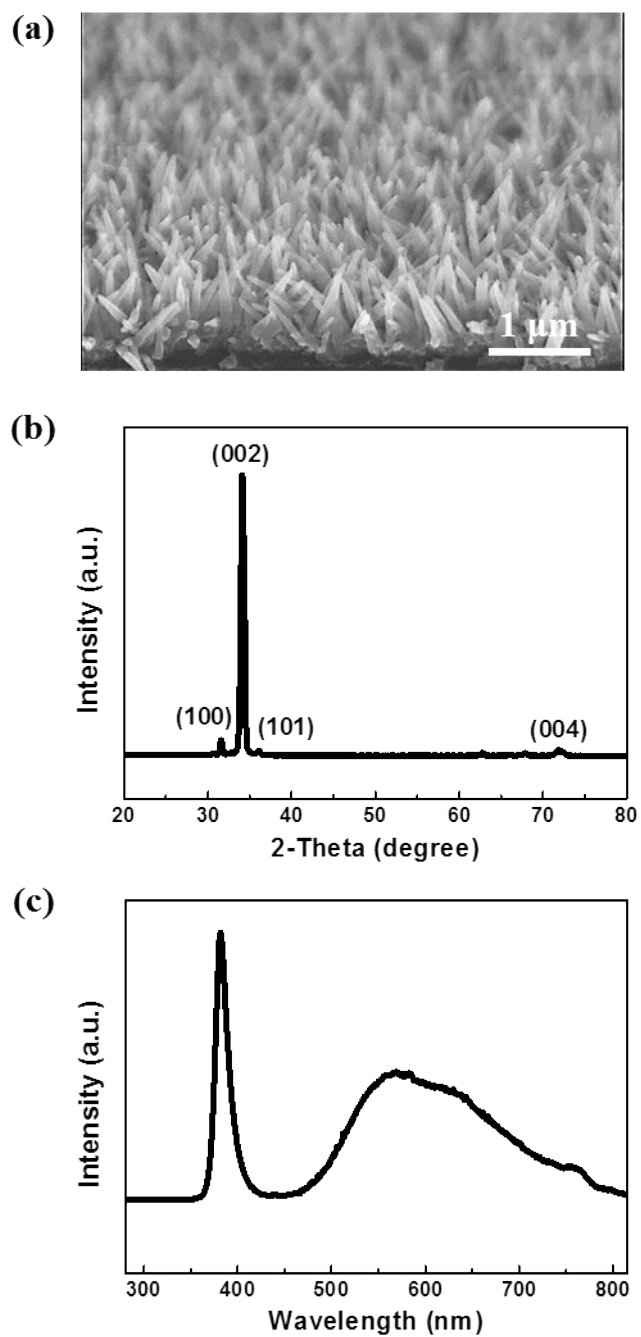


Fig. S2 Material properties of ZnO NRs: (a) 40°-tilted SEM image, (b) XRD pattern, and (c) Room-temperature PL spectra.

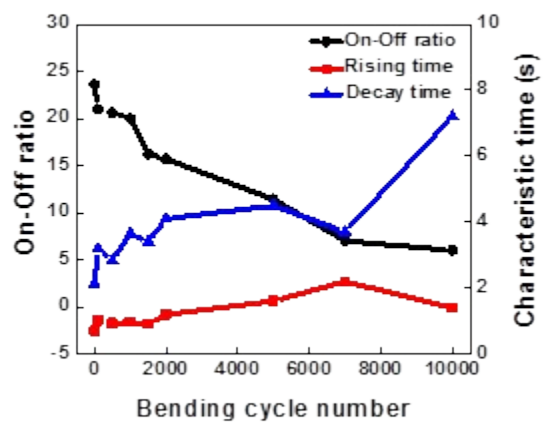


Fig. S3 On-off ratio, rising and decay times during the dynamic bending test up to 10000 cycles with a radius of curvature of 5 mm.