

Electronic Supplementary Information

Flexible CsPbBr₃ microwire photodetector with performance enhanced by covering Ag nanolayer

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Supplementary figures

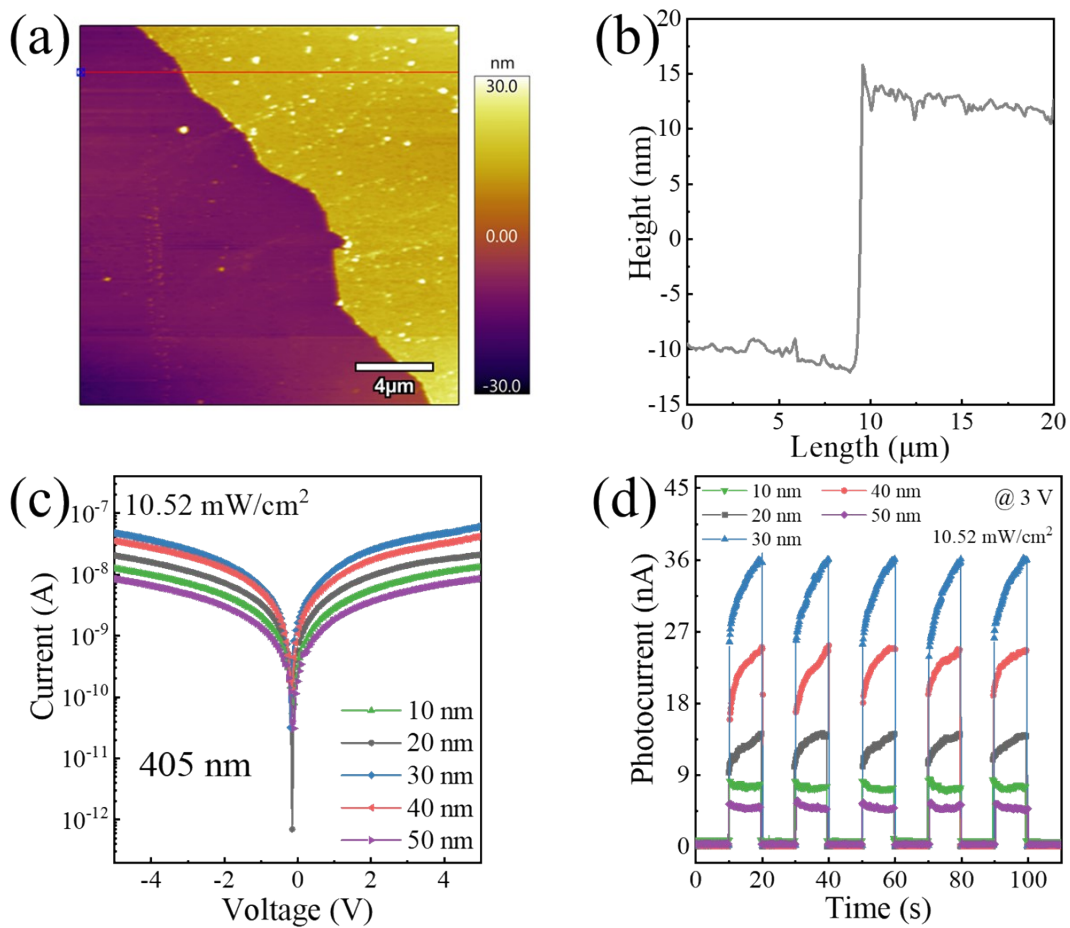


Fig. S1 AFM images of two-dimensional (2D) topography (a) and a cross-section analysis of CsPbBr₃ MWs (b). (c) Logarithmic I-V curves of the fabricated single MW photodetectors covered by Ag nanolayer in darkness and upon 405 nm light illumination of different thickness. (d) Time-dependent on/off photo switching tests of the fabricated detectors of different Ag thickness with the light (405 nm, 10.52 mW/cm²) on and off at the bias voltage of 3 V.