Supporting information

Fabrication of Copper-Based ZnO Nanopencil Arrays with High-Efficiency Dropwise Condensation Heat Transfer Performance

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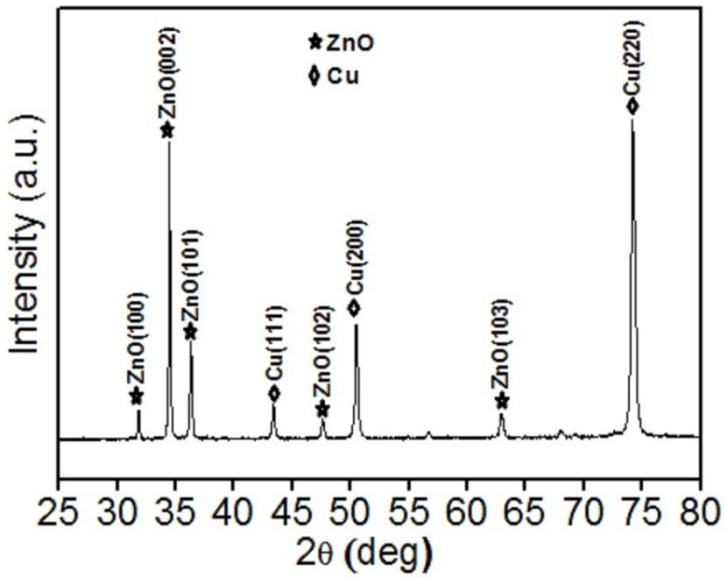

Fig. S1 X-ray diffraction pattern of in situ grown ZnO nanopencil films on the copper surface.

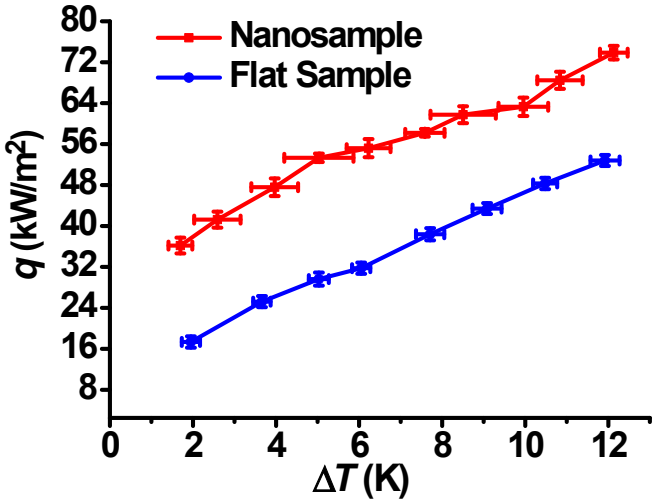

Fig. S2 Measured heat flux (q) of the superhydrophobic nanostructured surface (red) and the contrast hydrophobic flat surface (blue) varied with the degree of wall subcooling (ΔT) under the fixed saturated vapor pressure of 6.45 kPa.