

Electrical conductivity enhancement of metallic single-walled carbon nanotube networks by CoO decoration

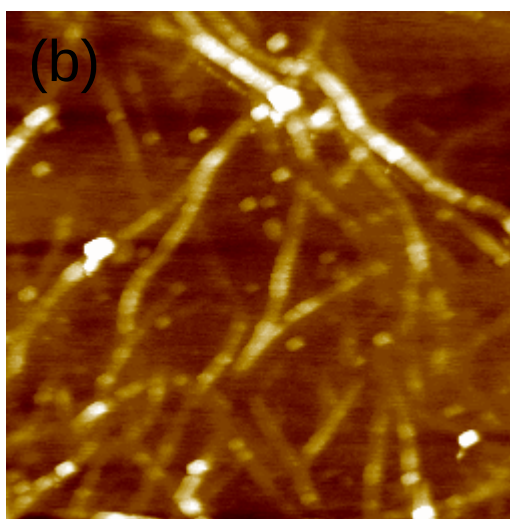
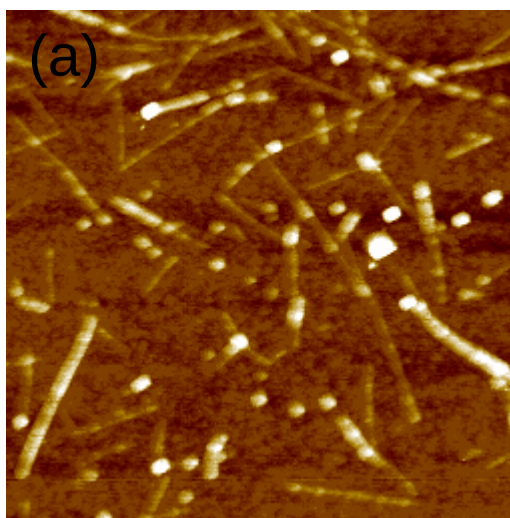
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AFM images



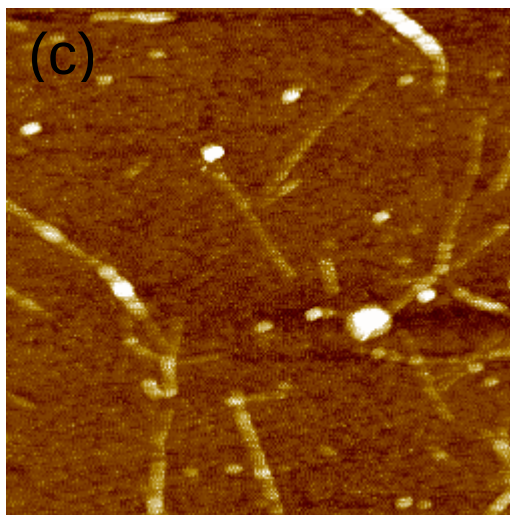


Fig. 1 AFM images of m-SWCNT networks decorated with CoO NPs by using (a) 7, (b) 8, and (c) 9 μl of cobalt precursor solution (The image is 2 X 2 μm).

SEM images

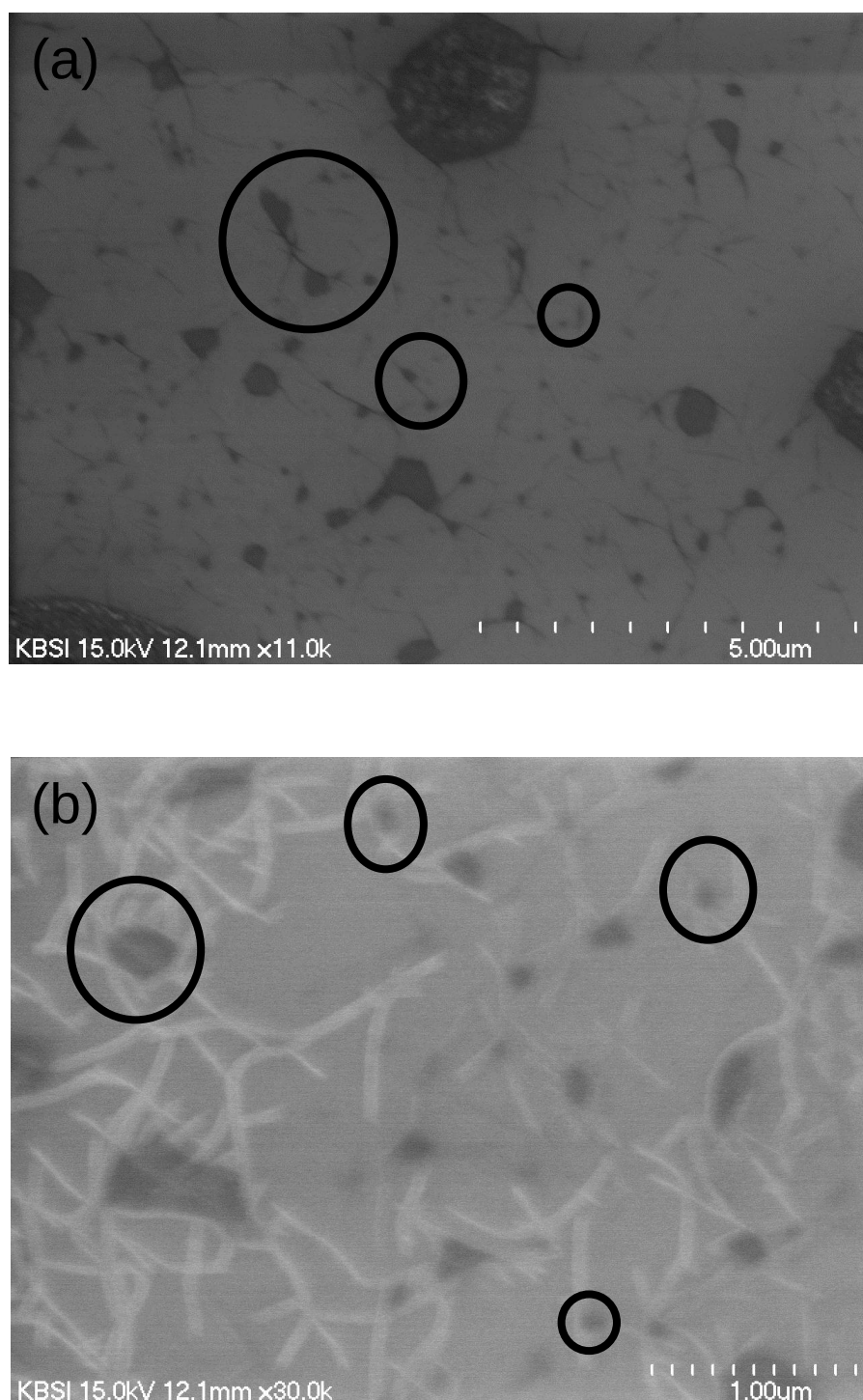


Fig. 2 SEM images of m-SWCNT treated with (a) 6 and (b) 9 μL of cobalt precursor solution. Several junctions are marked with circle, where CoO NPs are observed at junctions of m-SWCNT networks.