

Additional Information

Over 95% of large-scale length uniformity in template-assisted electrodeposited nanowires by subzero-temperature electrodeposition

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Figure A1. Scanning electron micrograph images of the commercial AAO template, Anodisc™. (a)-(c) Wide pore ends; (d)-(f) narrow pore ends; (g) sideview of the middle section of the AAO. Interconnected pores and defects are often observed.

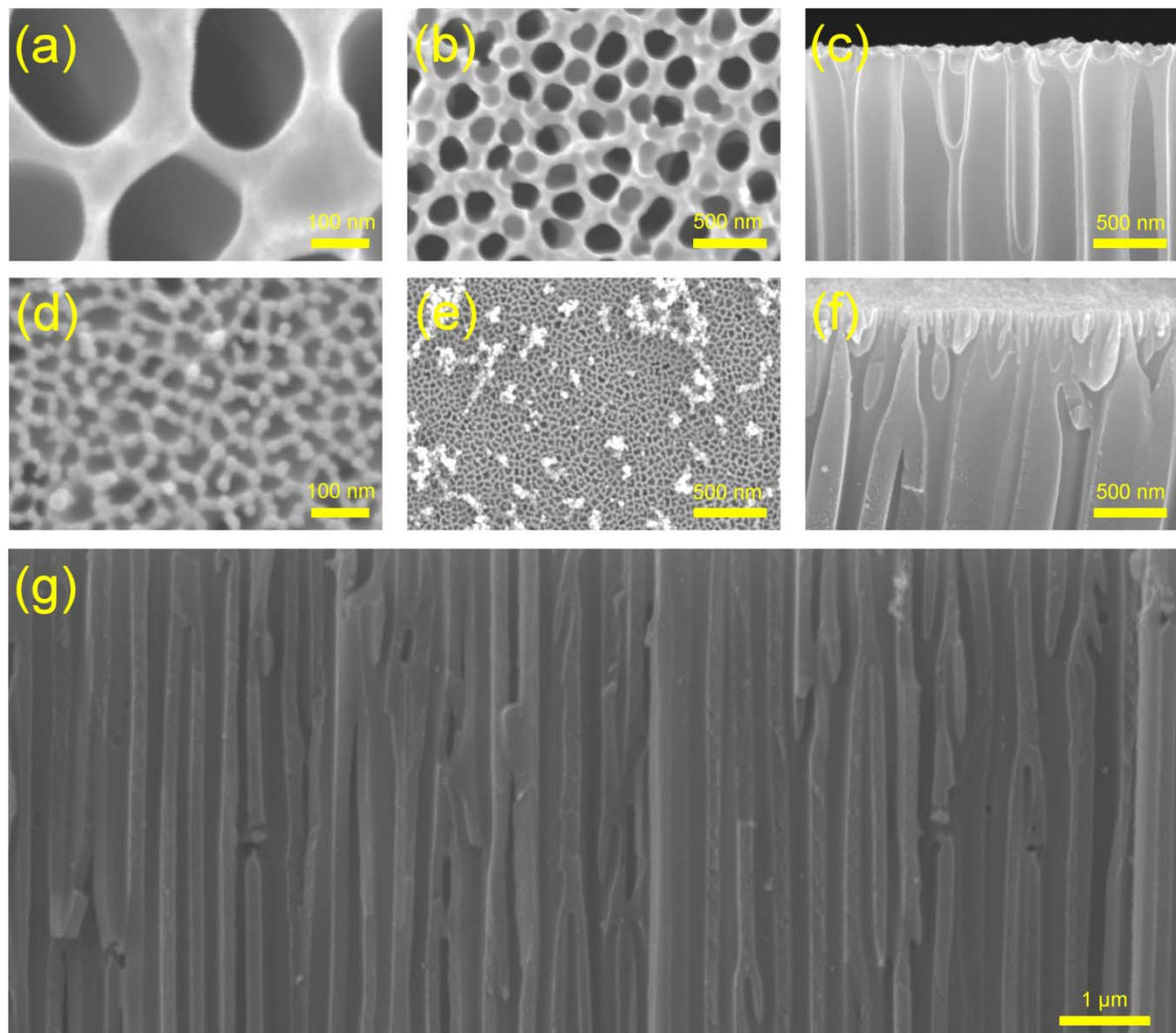


Figure A2. X-ray diffraction patterns of the Cu nanowires under various deposition temperatures. Red indices indicate Cu peaks (JCPDS 04-0836). Au (JCPDS 04-0784), Cr (JCPDS 06-0694), and CuI (JCPDS 01-0581) peaks are also observed. Au and Cr should be from incomplete etching. CuI is probably from the reaction of Cu with KI, which is an ingredient of the Au etchant.

