Electronic Supplementary Material (ESI) for CrystEngComm.

Electronic Supplementary Information

Controllable Growth of the Forest of Silver Nanowires and Their Field Emission Property

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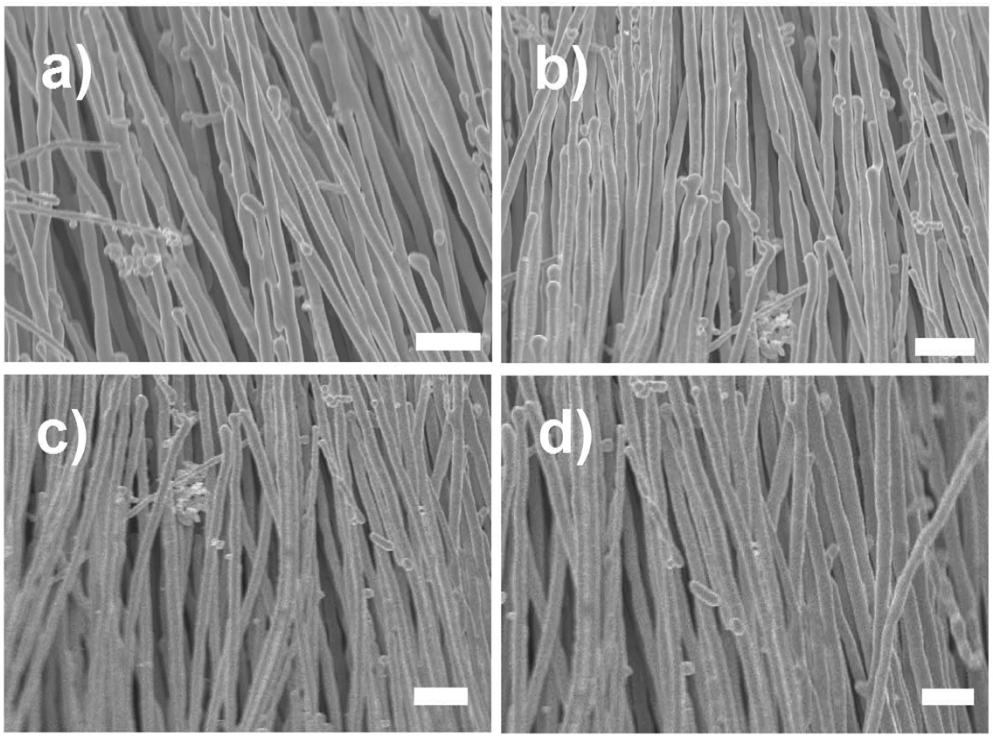

Figure S1. SEM images of Ag oriented nanowire arrays with different diameters.

a) 200nm-diameter Ag nanowires prepared at 40 ^{0}C; b) 250 nm-diameter Ag nanowires prepared at 50 ^{0}C; c) 300 nm-diameter Ag nanowires prepared at 70 ^{0}C; d) 400 nm-diameter Ag nanowires prepared at 90 ^{0}C. scale bar: 1 μm

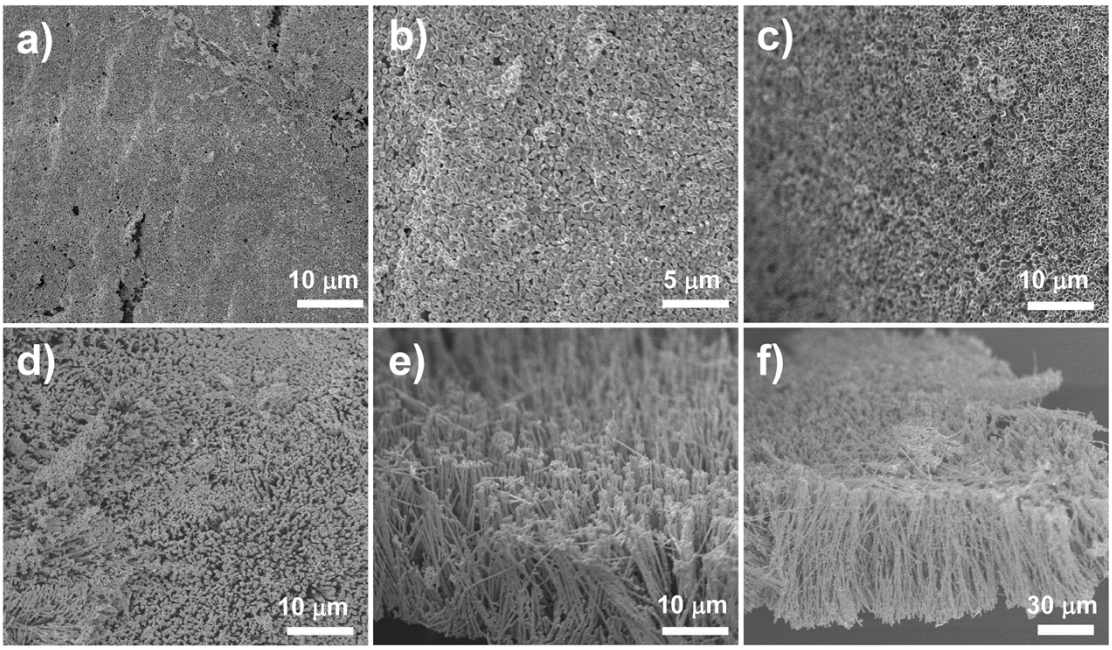

Figure S2. FESEM patterns of Ag products obtained at different time interval.

a) 10 min; b) 30 min; c) 1 h; d) 3 h; e) 12 h; f) 24 h.

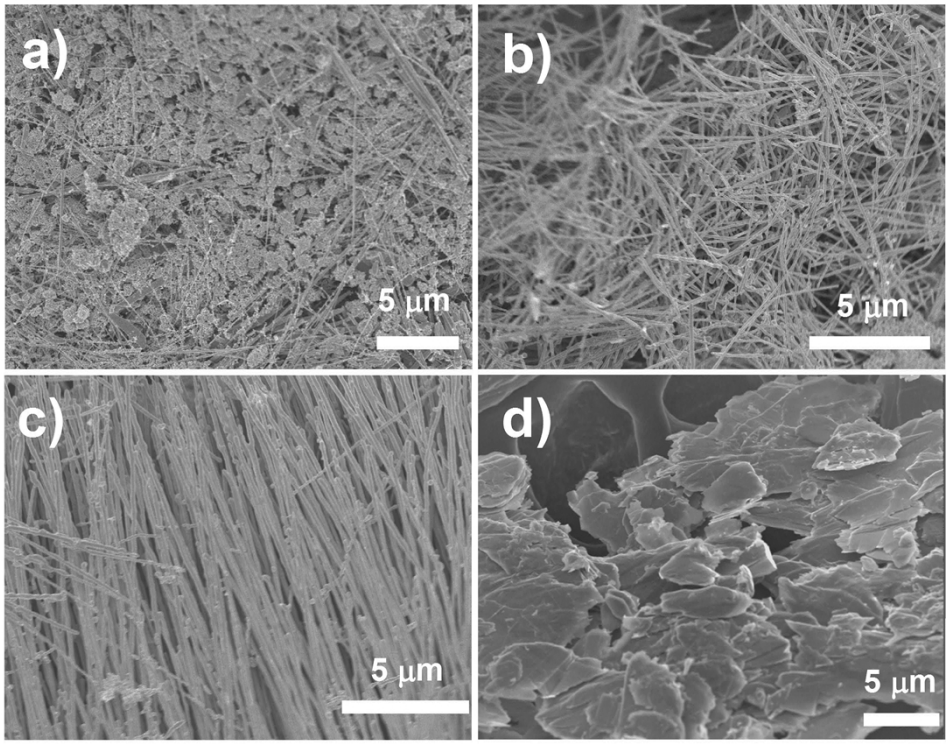

Figure S3. SEM images of Ag products with various concentrations of CTAB [mM]:

a) 15; b) 35; c) 55. d) 100