

Supplementary Information

Crystallography and interfacial kinetic controlled ultra-uniform single crystal silver nanobelts and their optical properties

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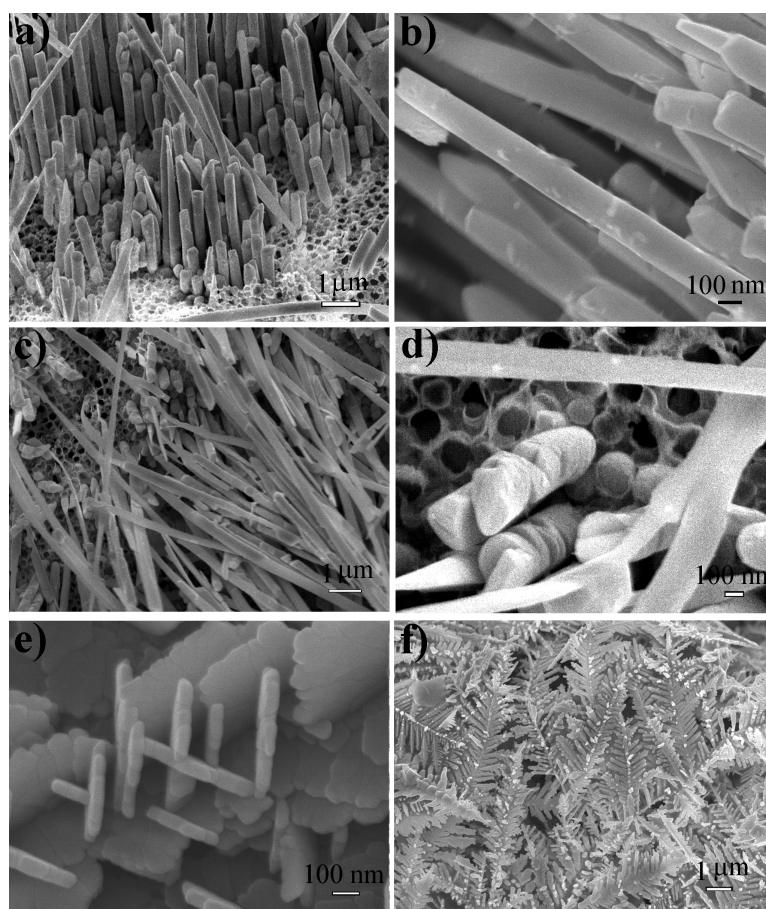


Fig. S1 (a) SEM image of nanorods obtained at a lower current density of 0.05 mA/cm^2 . (b) SEM image of nanorods obtained at a lower current density of 0.05 mA/cm^2 , showing smooth surfaces. (c) SEM image of nanorod-like nanostructures obtained at a higher current density of 5 mA/cm^2 , which are not uniform in diameters (d) SEM image of nanorod-like nanostructures showing rough surfaces. (e) SEM image of nanodisks formed on the templates surface, after nanobelt bundles filling in the templates. (f) SEM image of silver nanodendrites formed on the template surface when the electrolyte solution is increased to 1.5 M AgNO_3 with other conditions unchanged.