Supporting Information

A Triple-layered, Hierarchical 1D Core-shell Nanostructure with a Plasmonic Ag Octahedra Core for Use in Solid-state Dye-sensitized Solar Cells

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**Fig. S1.** FE-SEM image of Ag nanocubes synthesized with insufficient reactants and a shorter reaction time.
Fig. S2. FE-SEM (back-scattering mode) images of (a) AS0, (b) AS1, (c) AS2 and (d) AS3.
Fig. S3. XRD pattern of AST2 film.