Supporting information

Hydrothermal Synthesis of Well-Dispersed Monodisperse Single-Crystalline Quartz Nanospheres

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Figure S1. Selected area electron diffraction pattern for quartz nanosphere.

Figure S2. TEM image for \textasciitilde{}45nm Stöber silica particles after 24 hr hydrothermal treatment at 200\textdegree C.
Figure S3. DLS for Stober silica colloids in Figure 1A. The peak is 42.18nm

Figure S4. DLS for quartz nanospheres in Figure 1B. The peak is 37.8nm
Figure S5. Undialyzed hydrothermal sample made from ~45-nm Stöber silica. The XRD peaks for NaCl are marked in green.

Figure S6. TEM image for aggregated hydrothermal product made from ~45-nm Stöber silica without stirring.