Supporting document for

Large-Scale Synthesis of Feather-like Single-Crystal Te via a Biphasic Interfacial Reaction Route

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Figure S1. The XRD pattern of the as-prepared product. The reaction time was 3 hours and the reaction temperature was 120 °C.

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Figure S2. EDS analysis of the feather-like Te products.

Figure S3. SEM micrographs of the Te products prepared via reducing TDEC with different reducing agents: (a, b) thiophenol, and (c, d) phenylsulfinic acid. The reaction temperature was 120 °C and the reaction time was 16 hrs.
Figure S4. XRD pattern of the Te products prepared via reducing TDEC with different reducing agents: (a) thiophenol, and (b) phenylsulfenic acid. The reaction temperature was 120 °C and the reaction time was 16 hrs.

Figure S5. SEM images of the Te products prepared under different pH values: (a) 11 and (b) 12. The reaction time was 3 hours and the temperature was 120 °C.