Supporting Information

Electrochemical extraction of carbon nanotubes from CO\textsubscript{2} in CaCl\textsubscript{2} based melts

Liwen Hu, Yang Song, Jianbang Ge, Jun Zhu, Zhenchao Han, Shuqiang Jiao*

State Key Laboratory of Advanced Metallurgy, University of Science and Technology Beijing, Beijing, 100083, PR China.

* Corresponding author: sjiao@ustb.edu.cn (S Jiao)
Fig. S1 SEM images of carbon materials obtained at 2.6V on glassy carbon cathode: (a) and (b) 650°C, (c) and (d) 750°C, (e) and (f) 850°C.
Fig. S2 XRD pattern CNT obtained on glassy carbon cathode at 750°C.
Fig. S3 TEM images of cathodic product peeled off from the graphite cathode.
Fig. S4 (a) Current efficiency and (b) energy consumption calculated by experimental data under different electrolysis conditions.