

Electronic Supplementary Information

Dense core-shell structured SnO_2/C composites as high performance anodes for lithium ion batteries

Jun Liu, Wen Li, and Arumugam Manthiram*

Materials Science and Engineering Program, The University of Texas at Austin, Austin,

TX78712, United State of America. Fax: 512-471-7681; Tel: 512-471-1791; E-mail:

rmanth@mail.utexas.edu

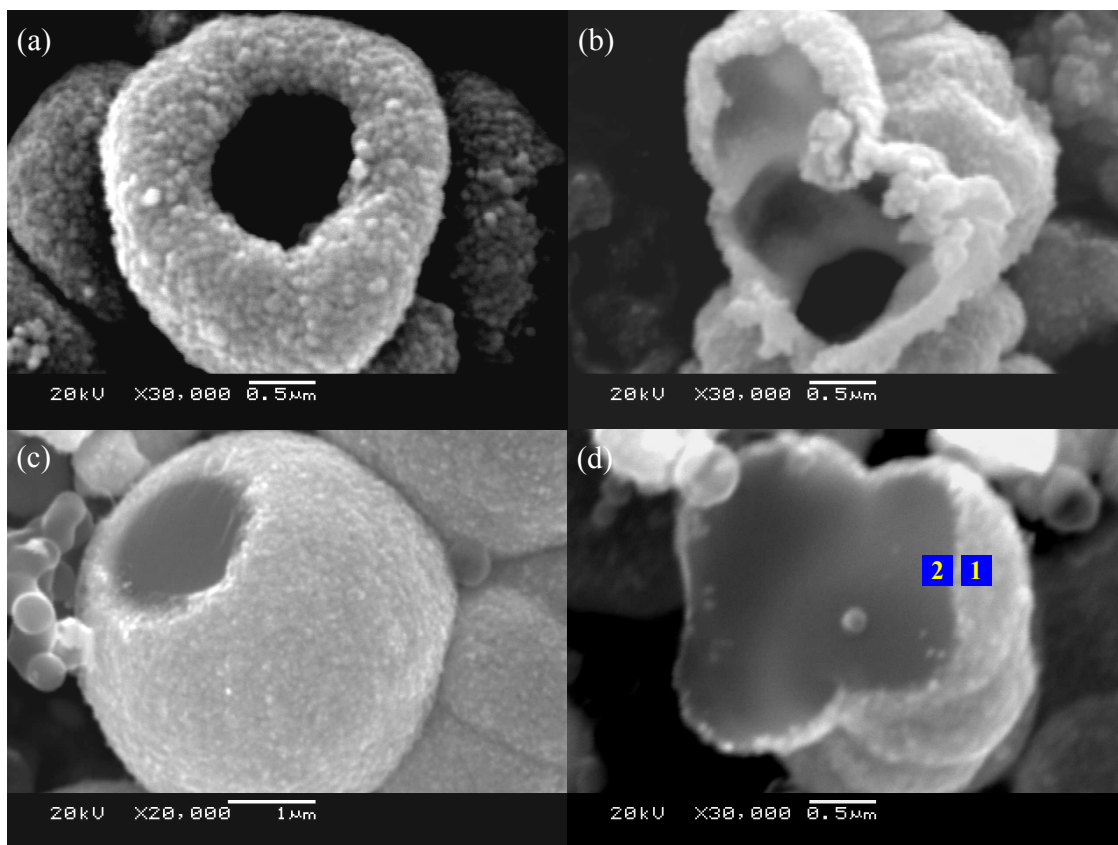


Fig. S1. SEM images of (a and b) hollow SnO_2 spheres and (c and d) dense core-shell SnO_2/C spheres. The regions marked with 1 (SnO_2/C shell) and 2 (carbon core) in (d) were analyzed by EDS, and the EDS data are given in Fig. S2.

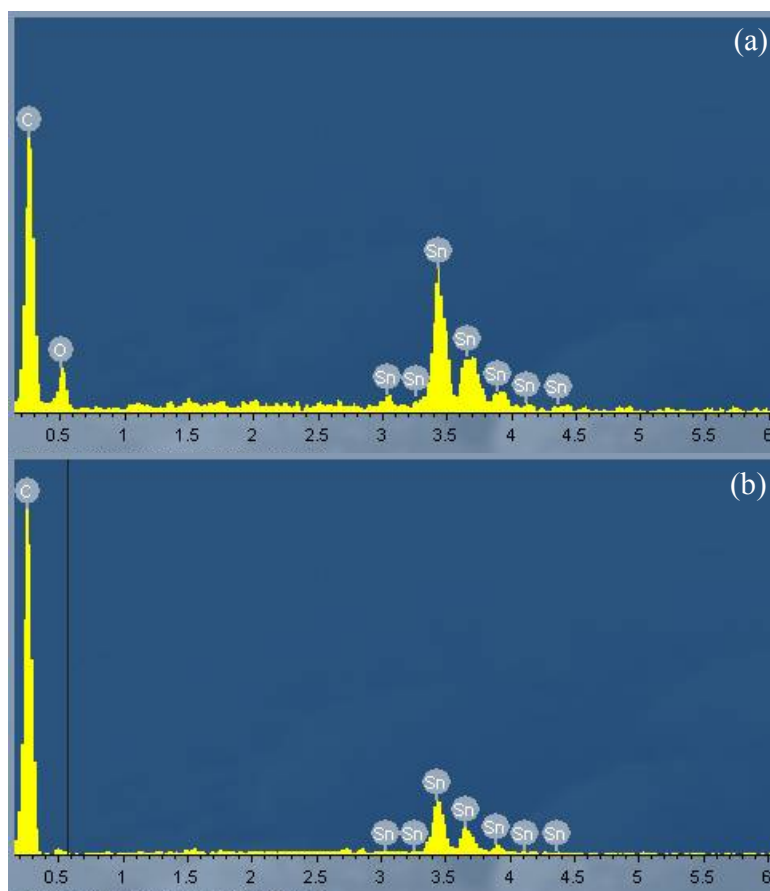


Fig. S2. EDS analysis of dense core-shell SnO_2/C : collected in (a) region 1 and (b) region 2 indicated in Fig. S1(d).