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Supplementary Information

Influence of the diffusion-layer thickness during electrodeposition on the synthesis of the nano core/shell Sn-O-C composite as an anode of lithium secondary batteries

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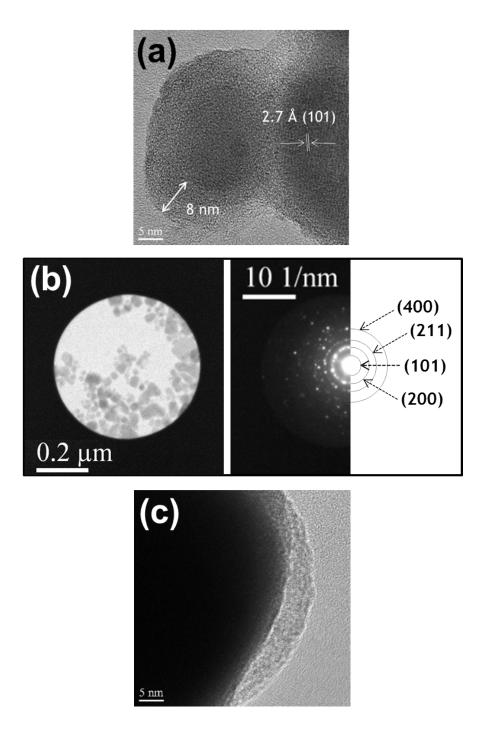


Fig. S1. (a) HR-TEM image, (b) selected area electron diffraction (SAED) pattern of the as-prepared Sn-O-C composite deposited with bath agitation, (c) HR-TEM image of the as-prepared Sn-O-C composite deposited without bath agitation.

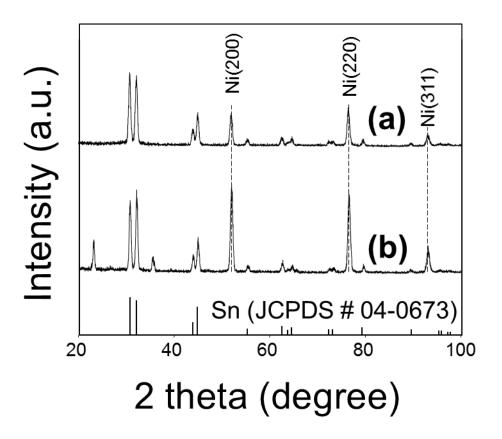


Fig. S2. GIXRD pattern of the as-prepared Sn-O-C composite deposited with (a) and without (b) bath agitation.

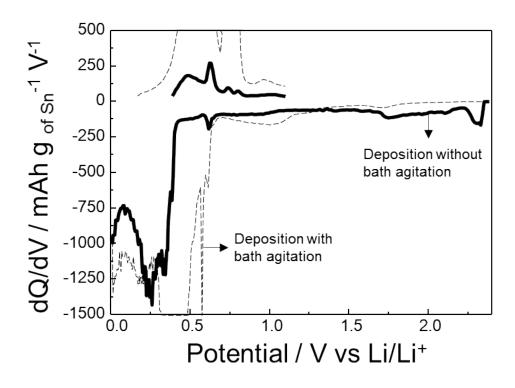


Fig. S3. DCPs of the 1st cycle with selected y axis range enlarged from Fig. 6d.

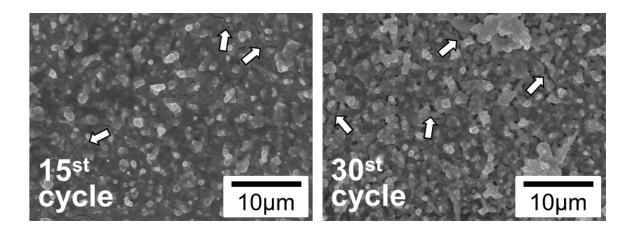


Fig. S4. FE-SEM images of the Sn-O-C composite deposited without bath agitation after several cycling.