

## Aerosol Assisted Synthesis of Hierarchical Tin-Carbon Composites and their Application as Lithium Battery Anode Materials

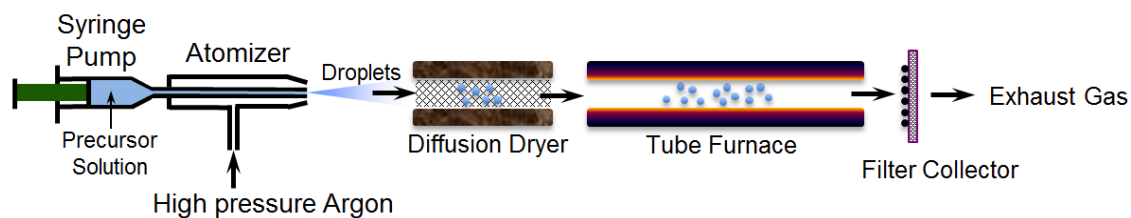
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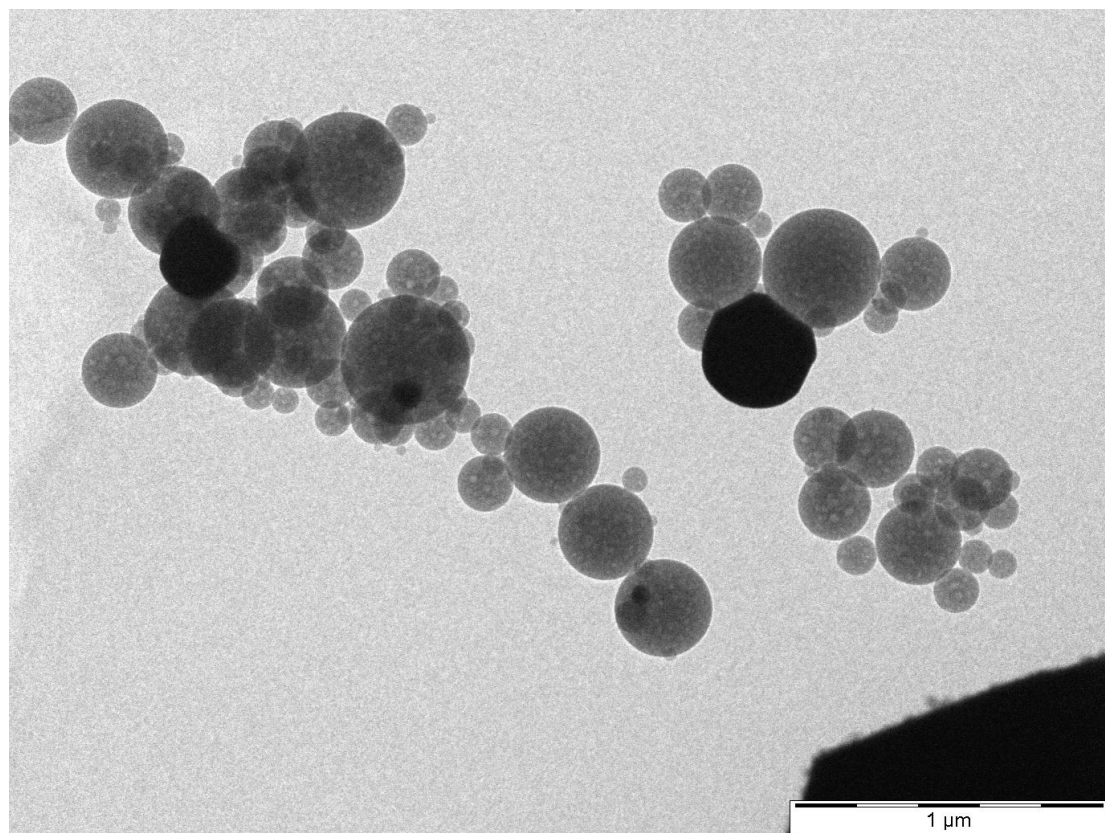
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† Electronic supplementary information (ESI) available.

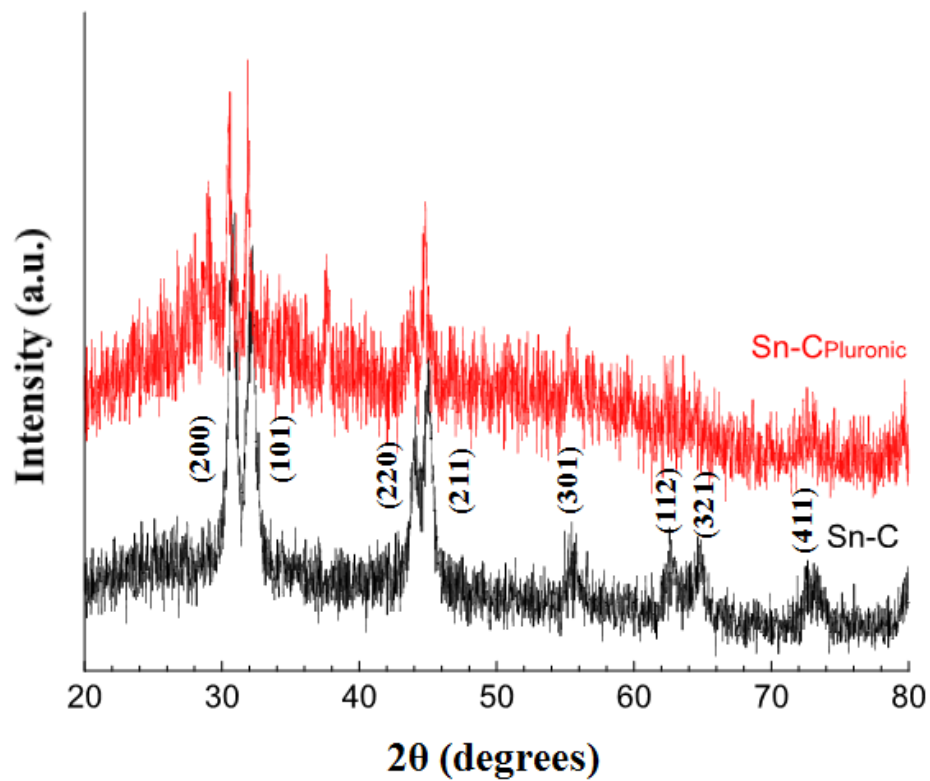
### Supporting Information



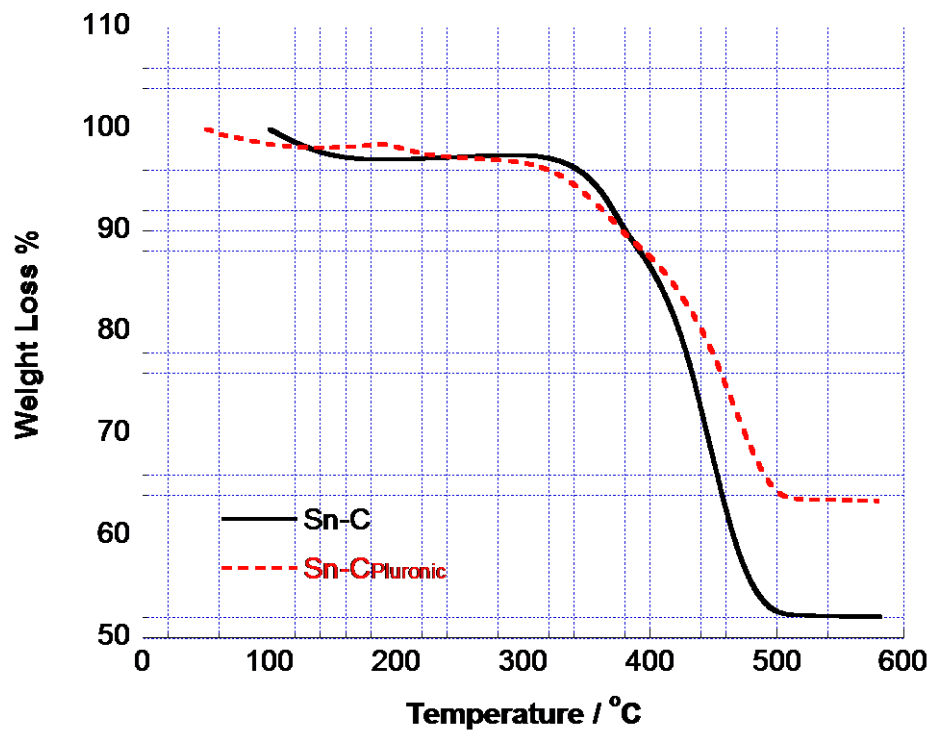
**Figure S1.** Schematic of apparatus of the aerosol spray pyrolysis synthesis of Sn-C particles.



**Figure S2.** TEM image of Sn-C particles after 1 hour heat treatment at 700°C in an Argon atmosphere.



**Figure S3.** X-ray powder diffraction patterns for Sn-C and Sn-C<sub>Pluronic</sub> particles.



**Figure S4.** TGA of the Sn-C and Sn-C<sub>Pluronic</sub> composites.