

## Supplementary Material

# On the Effect of the Carbonaceous Substrate in the Nucleation of Sn Nanoparticles for Li-ion Anodes: Experiments and First Principles Calculations

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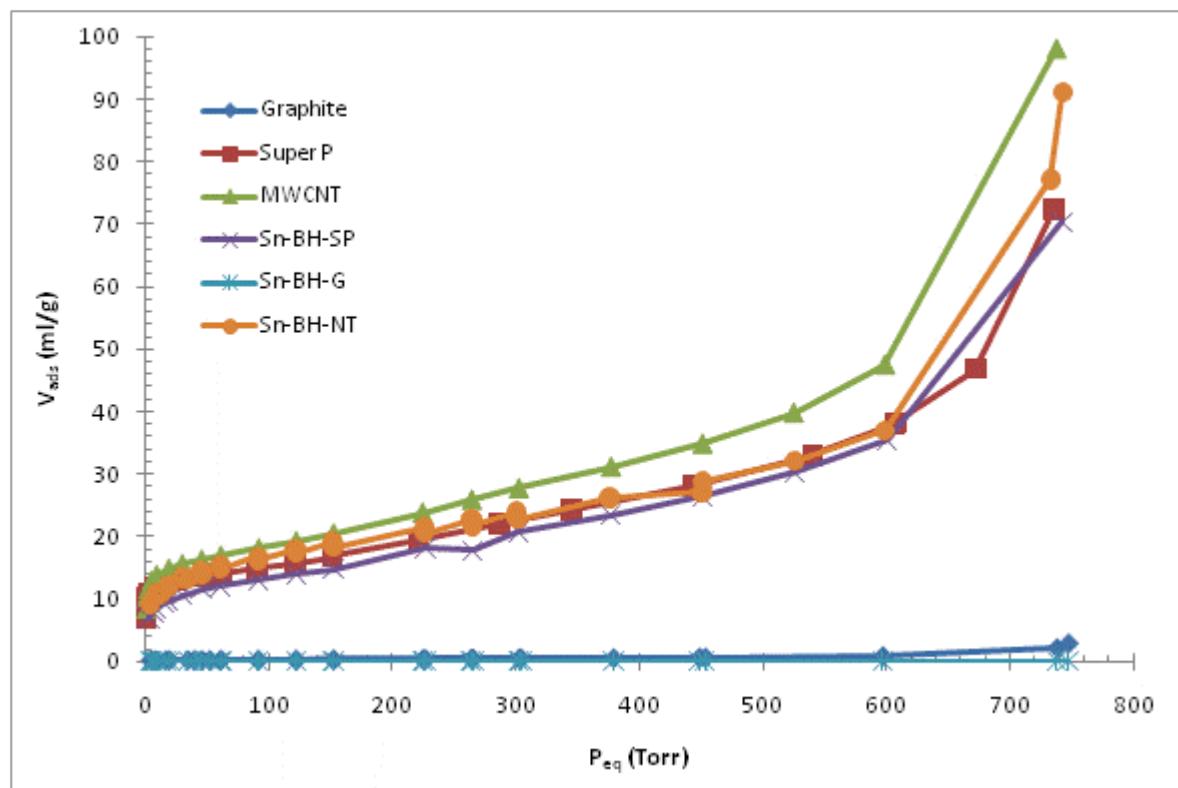
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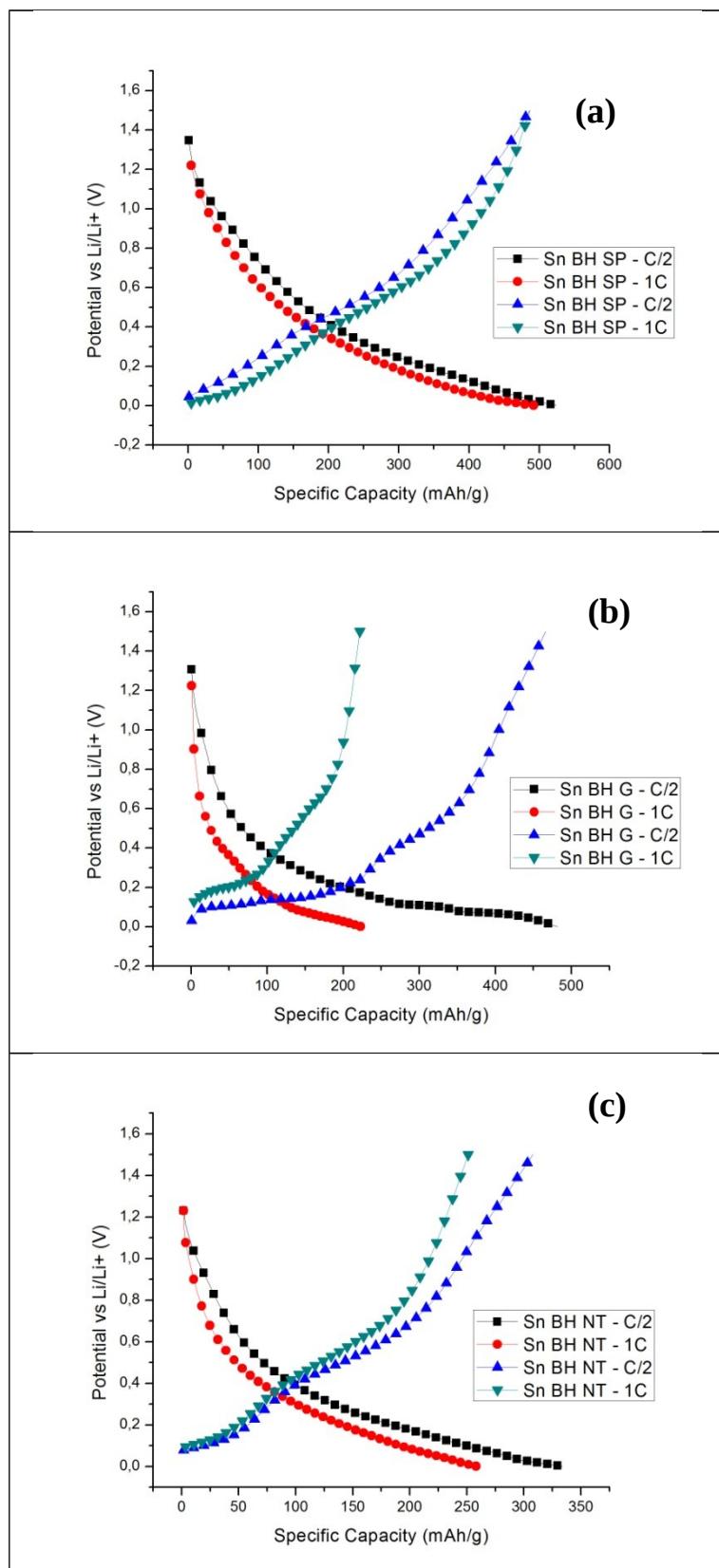
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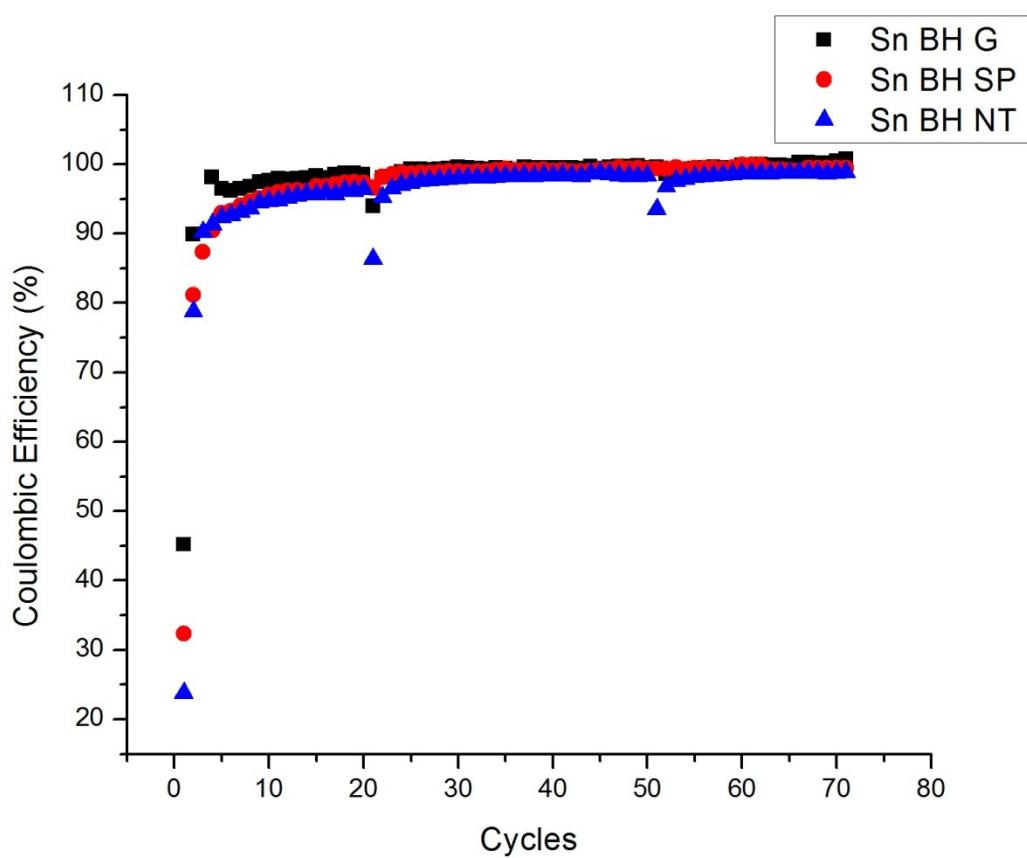
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**Figure S1:** BET isotherms for all the samples.



**Figure S2:** Charge-Discharge profiles at different C rates (a) **SN-BH-SP**, (b) **SN-BH-G** and (c) **SN-BH-NT**,



**Figure S3:** Coulombic efficiency vs. Cycles.