

Supporting Information

Molecular Structures of Polymer/Sulfur Composites for Lithium-Sulfur Batteries with Long Cycle Life

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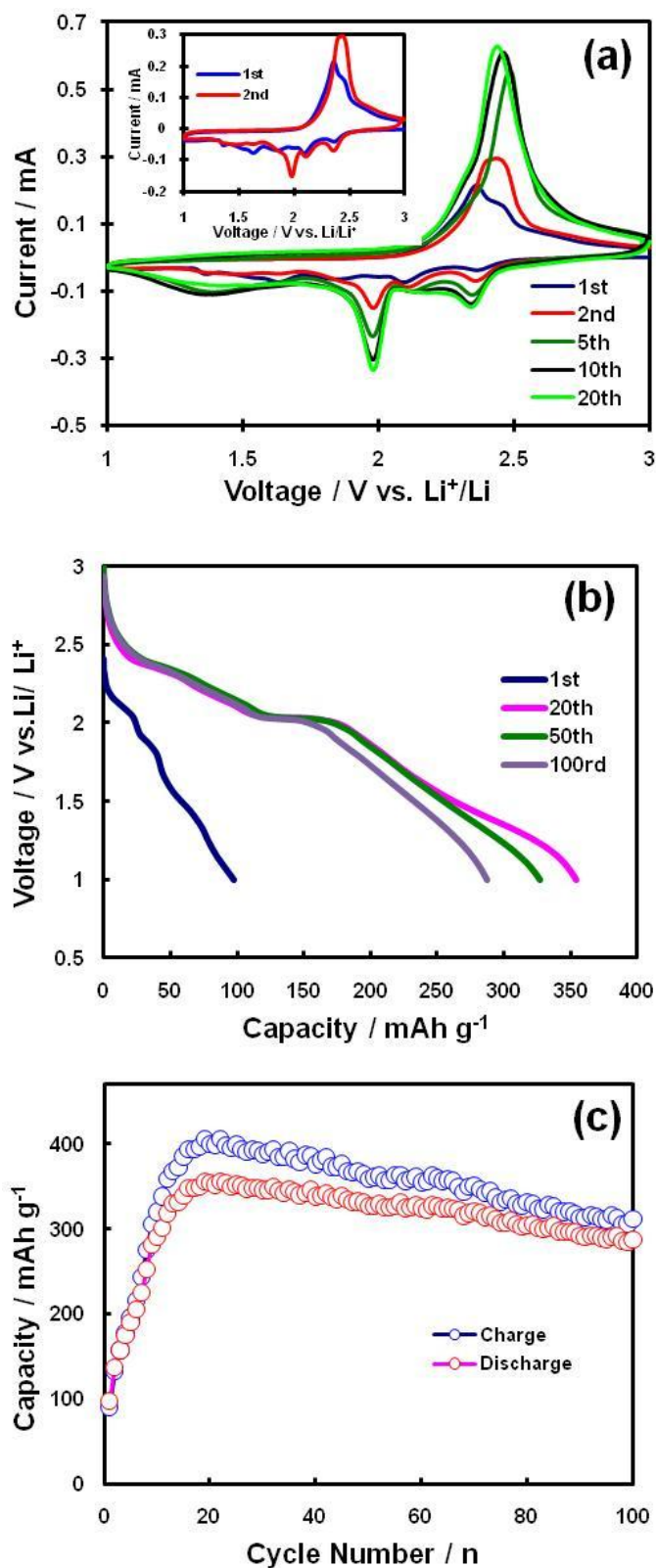


Figure S1 (a) Cyclic voltammograms of SPANI (with residual S) electrode at 0.1 mVs^{-1} (inset shows the first two cycles), (b) discharge plots and (c) discharge and charge capacities vs. cycle numbers of SPANI electrode at 100 mA g^{-1} .

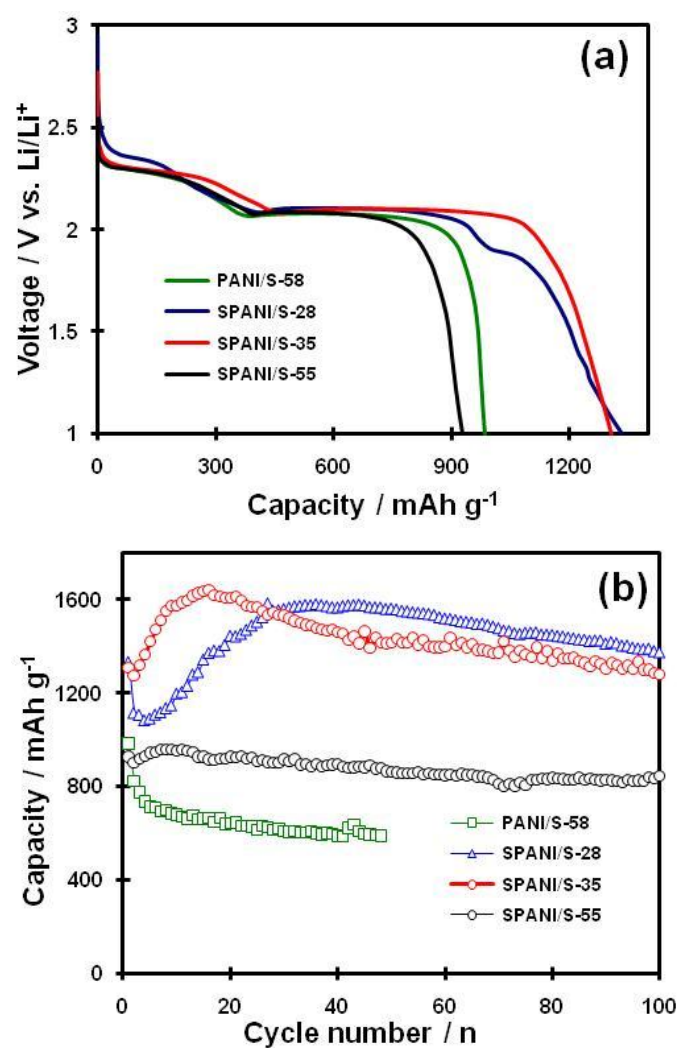


Figure S2 (a) Discharge plots and (b) discharge capacities vs. cycle numbers of PANI/S-58 and SPANI/S-28, -35, -55 electrodes at 0.1C rate.

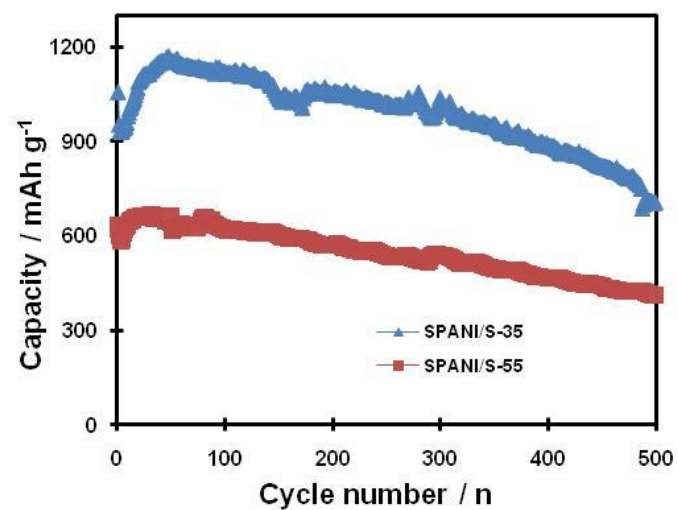


Figure S3 Discharge capacities vs. cycle numbers of SPANI/S-35 and SPANI/S-55

electrodes at a 0.5 C rate.