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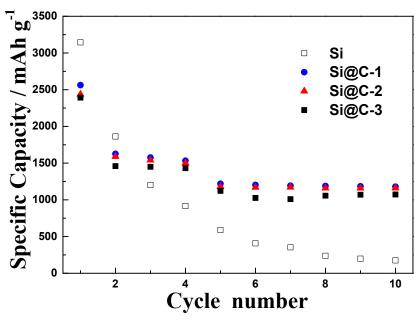


Figure s1. First 10 cycles' discharge capacity versus cycle number plots of Si and Si@C nanocomposites. The rate was 0.1 A g^{-1} for one cycle, then 0.5 A g^{-1} for 3 cycles and 1 A g^{-1} for the later cycles.