

Facile synthesis of Si/C composite for high-performance lithium-ion battery anodes

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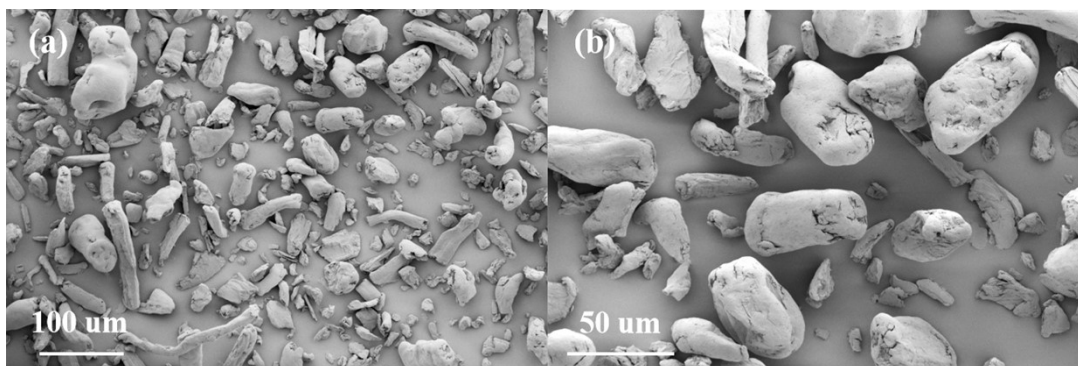


Fig. S1. FE-SEM images of (a, b) Silicon dioxide (SiO_2)

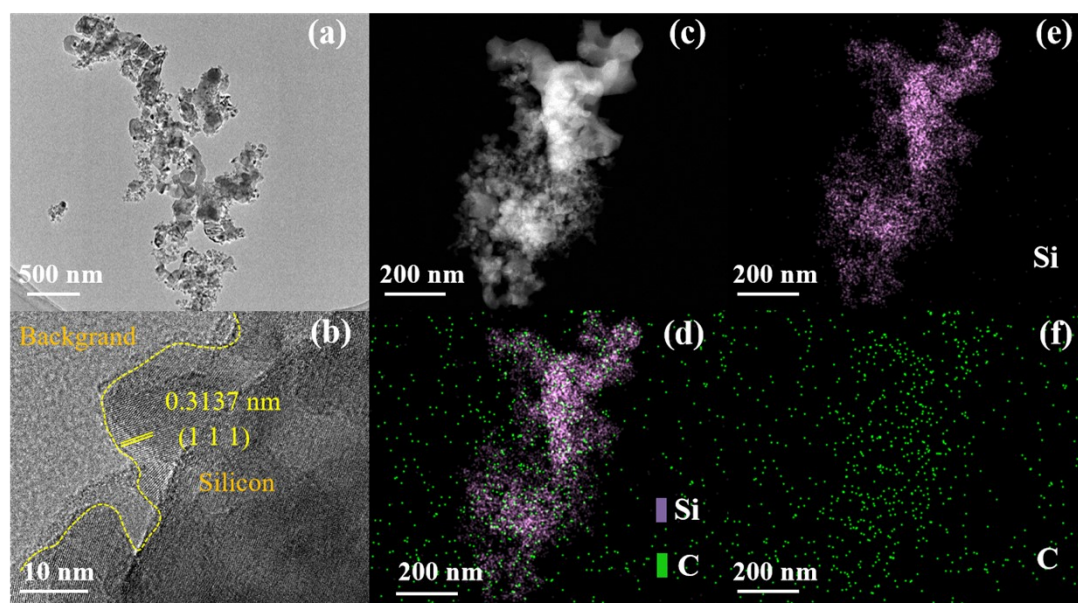


Fig. S2. (a) TEM, (b) HR-TEM, and (c-f) EDS elemental mapping images of Si/OC

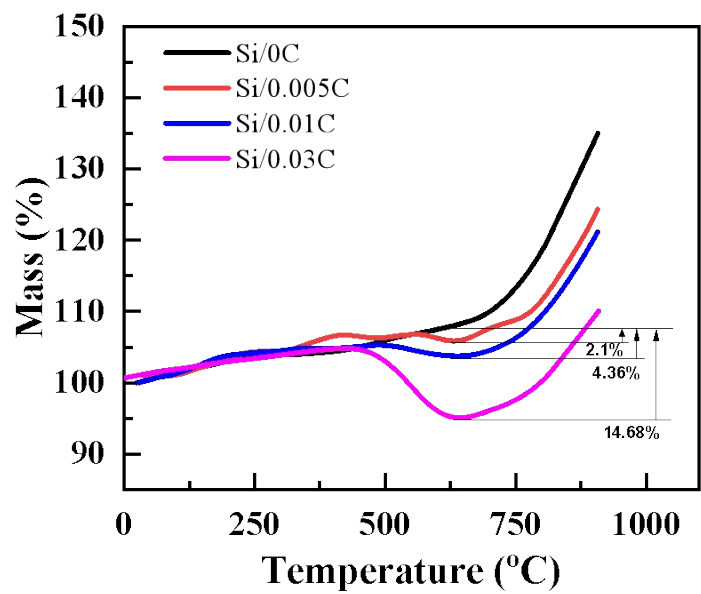


Fig. S3. Thermogravimetric (TG) of Si/C nanopowders with different silicon-to-carbon ratios.

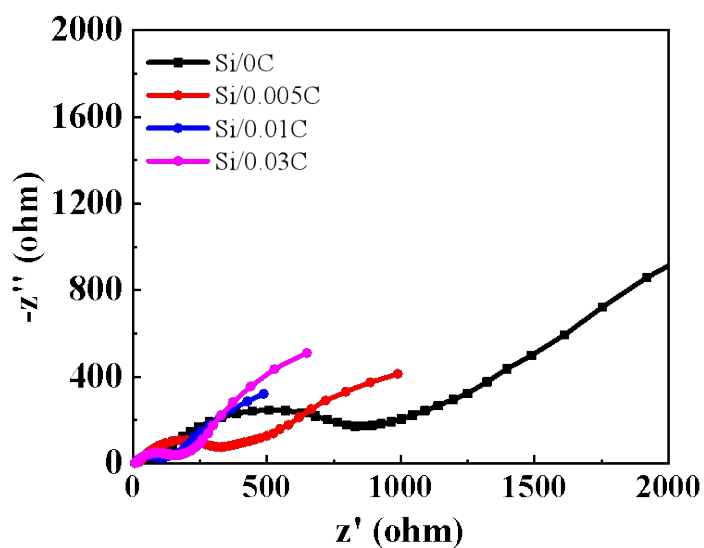


Fig. S4. Nyquist curves of Si/C electrodes with different silicon-to-carbon ratios after rate and cycling performance tests.