Supplementary Information for

Enhanced lithium storage performance of porous Si/C composite anodes through using recrystallized NaCl template

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Fig. S1 Particle size distribution curves of (a) NaCl templates and (b) Si/C composites.



Fig. S2 SEM images of (a) Si/C-N composite and (b) commercial nano-Si powders.



Fig. S3 (a) TEM, (b) HRTEM and (c) corresponding SAED patterns of Si/C-L composite.



Fig. S4 Rate performance of Si/C-N electrode from 0.2 A g^{-1} to 5 A g^{-1} .



Fig. S5 Charge/discharge profiles of Si/C-L electrode at various rates.



Fig. S6 Nyquist plots and corresponding fitting curves of Si/C-L and Si/C-S electrodes.

Table S1 R_s , R_{int} and R_{ct} values of Si/C-L and Si/C-S electrodes.

Sample	R _s	<i>R</i> _{int}	R _{ct}
Si/C-L	3.09	9.51	22.86
Si/C-S	4.06	6.64	15.11