Supporting Information

High lithium and sodium anodic performance of nitrogen-rich ordered mesoporous carbon derived from alfalfa leaves by a ball-milling assisted template method

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Table S1. ICP-AES results of the filtrate after reflux

Element	Ca	K	Mg	Na	Fe	Al	Mn	Sr	Ni	Ba	Zn
wt‰	17.94	11.87	4.34	1.33	0.92	0.64	0.21	0.09	0.04	0.03	0.03

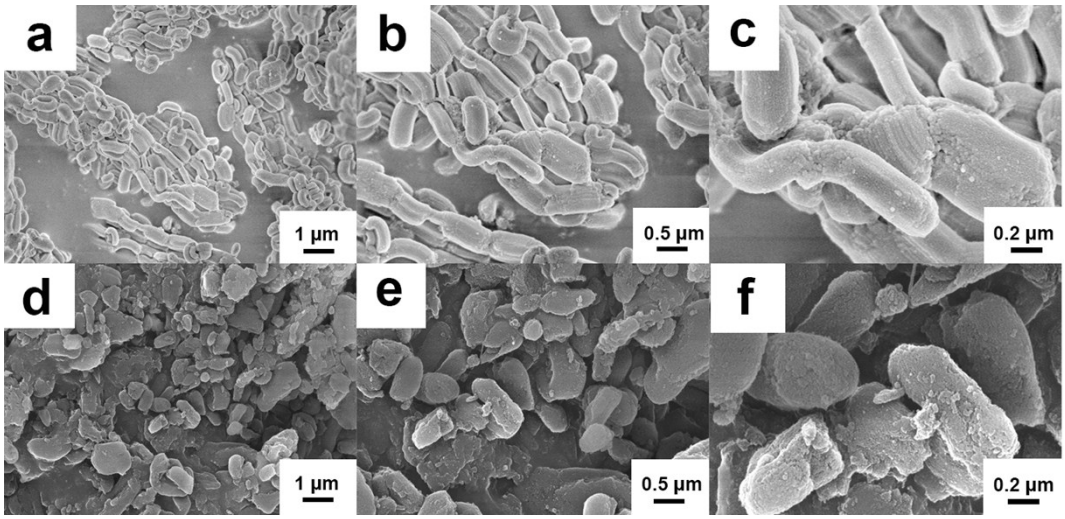

Fig. S1 SEM images in different magnifications of SBA-15 template (a, b and c) and the re-ALs/SBA-15 composite (d, e and f).

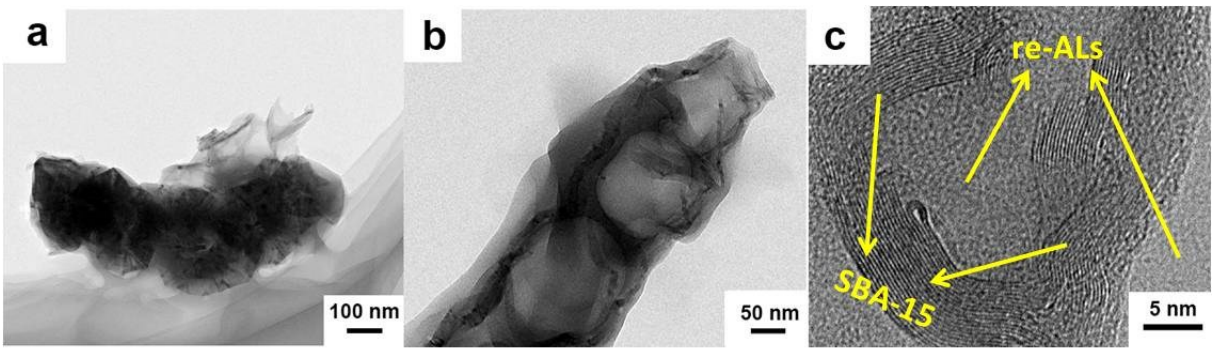

Fig. S2 TEM (a and b) and HR-TEM (c) of the re-ALs/SBA-15 composite.

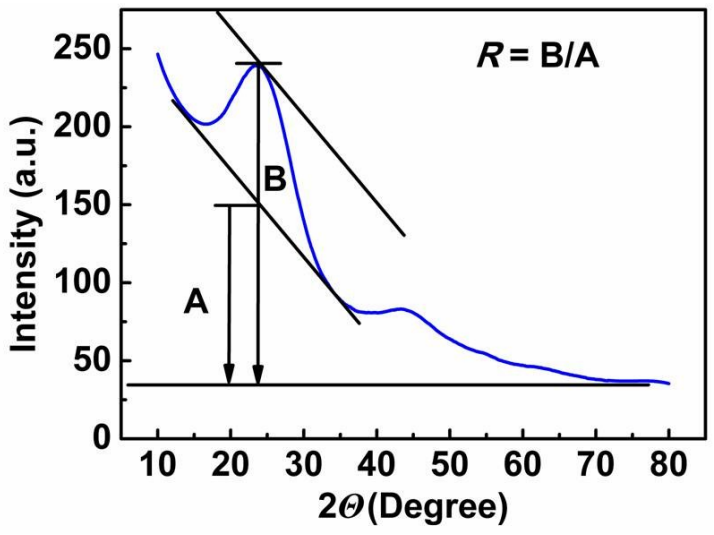

Fig. S3 Scheme illustrating the R values calculation based on XRD patterns for ALNOMC.

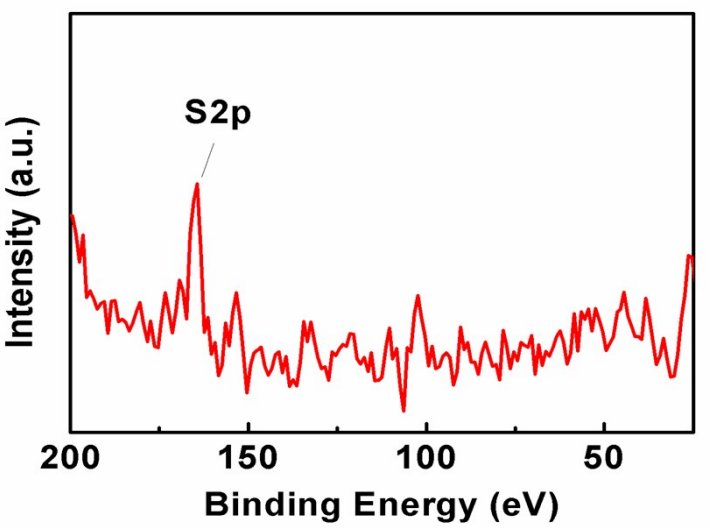

Fig. S4 The partial XPS spectrum of ALNOMC.

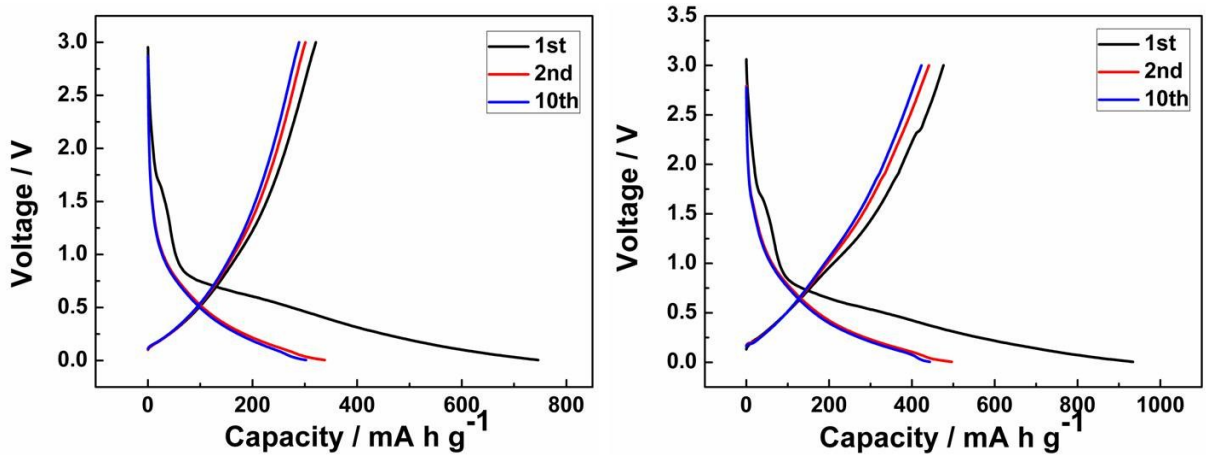

Fig. S5 Charge-discharge curves of ALC (a) and re-ALC (b) at 0.1 A g^{-1}.

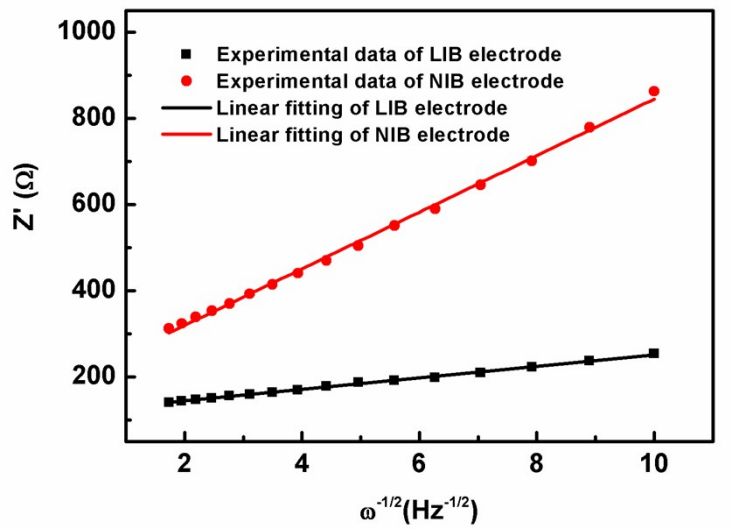

Fig. S6 The relationship between Z' and reciprocal square root of frequency ($\omega^{-1/2}$) for LIB and NIB electrodes of ALNOMC.

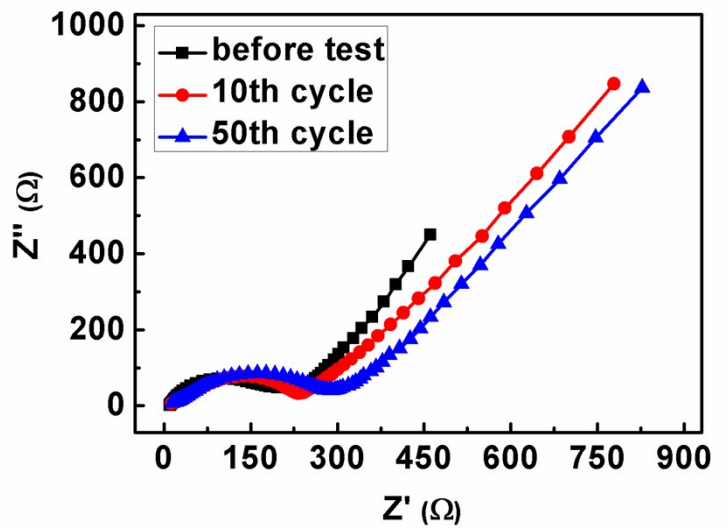

Fig. S7 Electrochemical impedance spectra of ALNOMC electrodes before and after 10 and 50 cycles for NIBs.