Supporting Information

Vanadium Sulfide on Reduced Graphene Oxide Layer as a Promising Anode for Sodium Ion Battery

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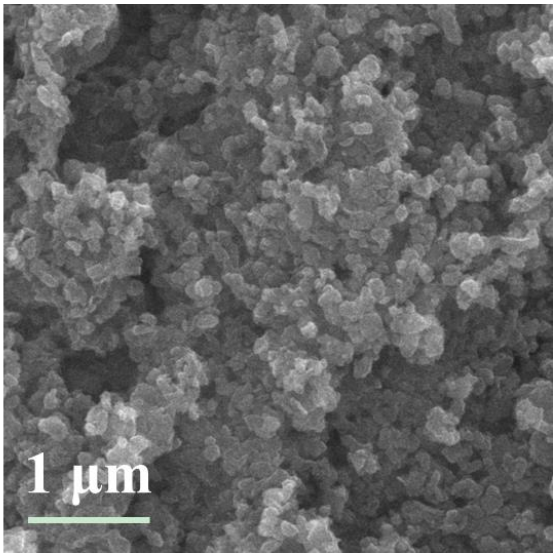

Figure S1. SEM image of VS_4/rGO composite.

Table S1. Elemental analysis (CHNS) of the VS_4/rGO composite, showing carbon content in the composite is around 9.8%.

Sample quality (mg)	N (%)	C (%)	H (%)	S (%)
5.3440	0.25	9.78	0.646	25.430
5.0050	0.22	9.79	0.644	25.015

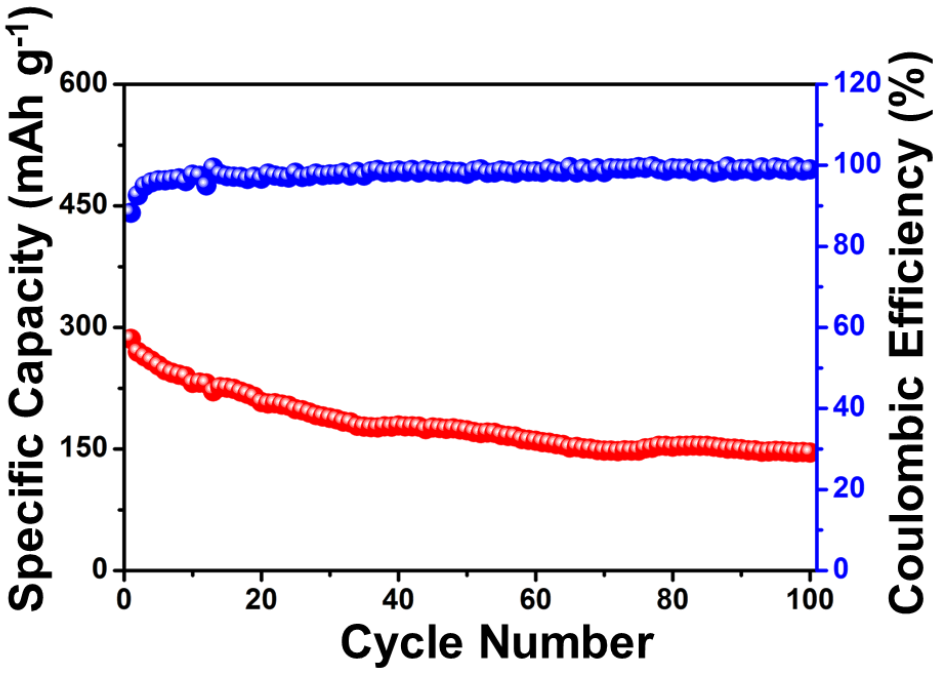

Figure S2. Cycling performance of VS_4/rGO composite at a current density of 500 mA g^{-1}.

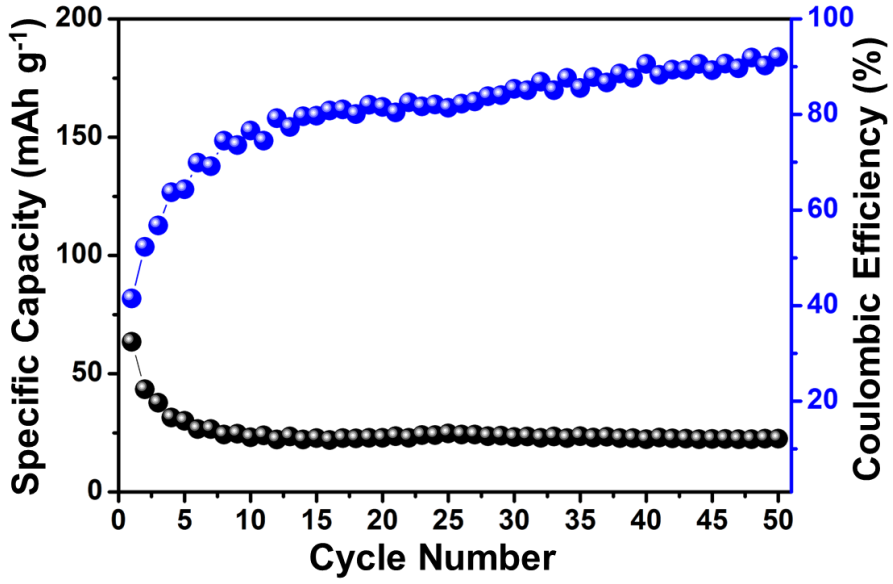

Figure S3. Cycling performance of rGO at a current density of 100 mA g^{-1}.

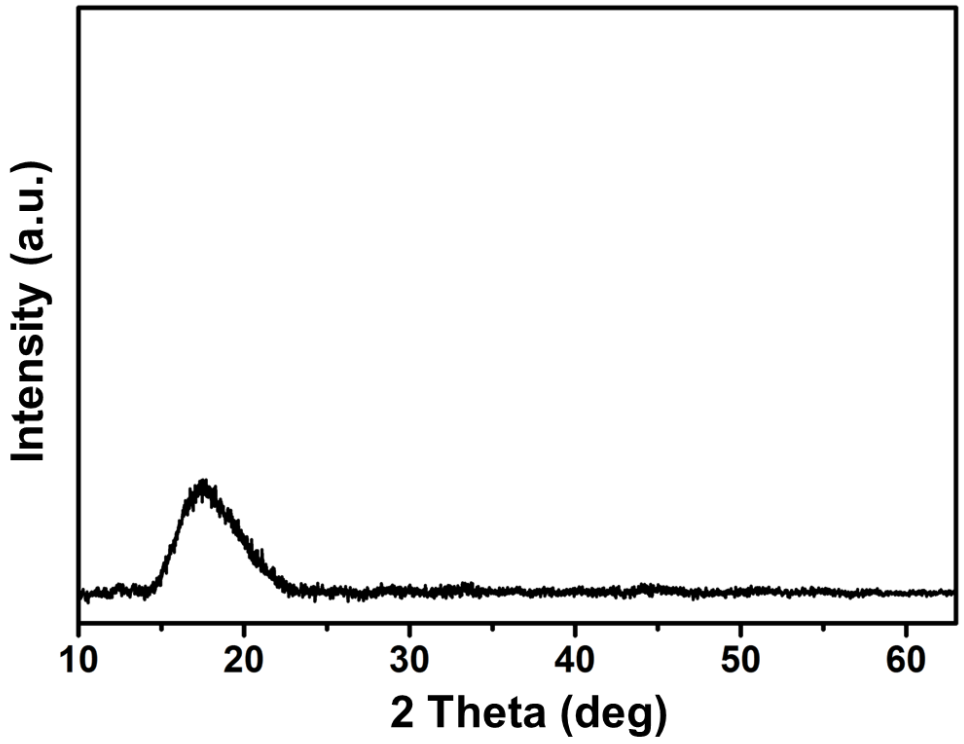

Figure S4. The XRD pattern of the sample holder.

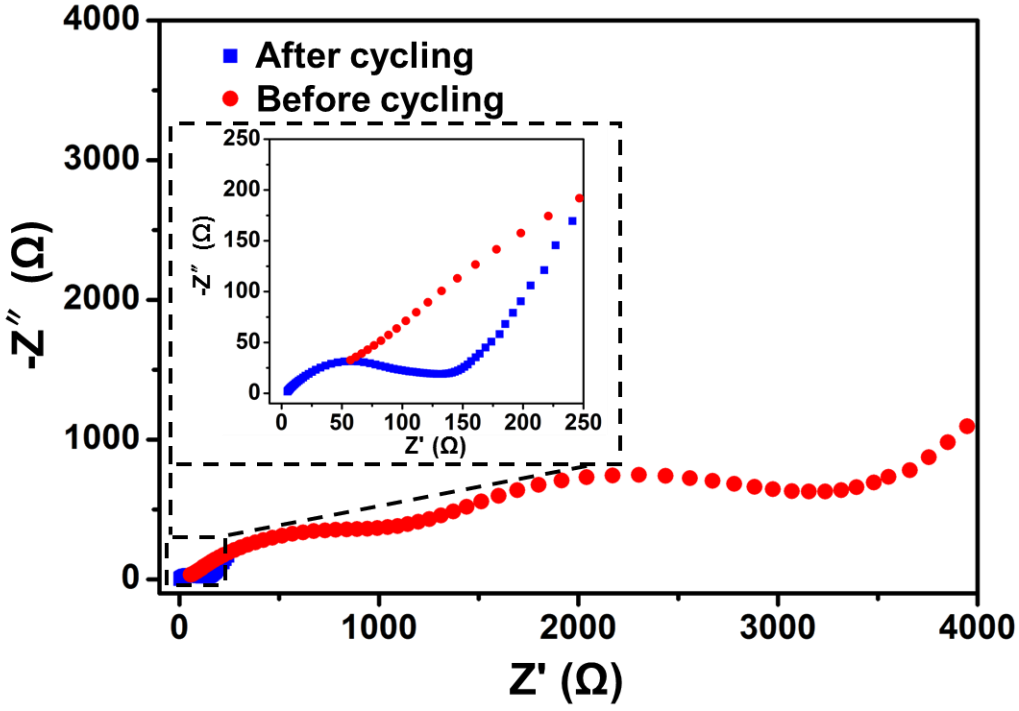

Figure S5. Nyquist plots of VS_4/rGO composite electrode before and after cycling.