

Supplementary Materials

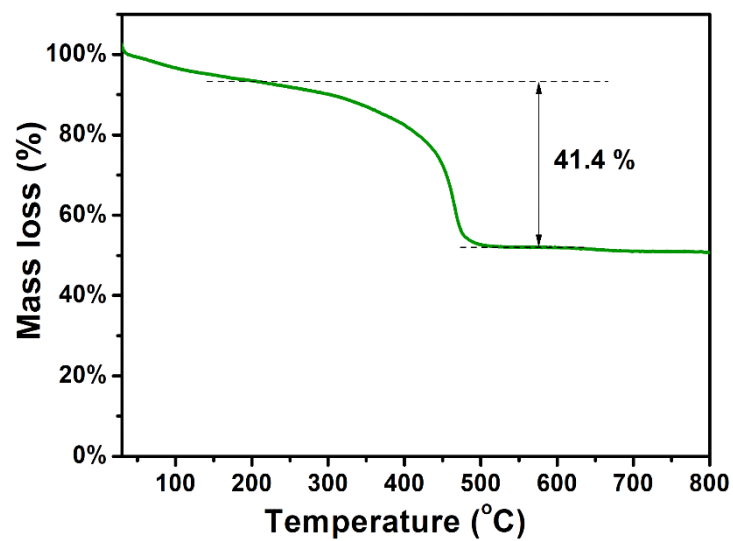


Figure S1: TG curve of V₃S₄/N, S-rGO nanosheets under air atmosphere.

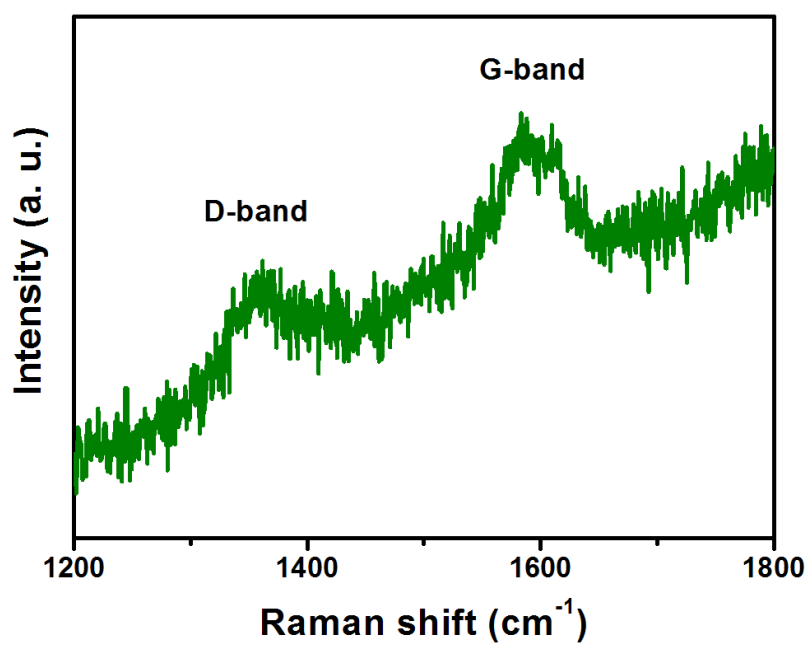


Figure S2: Raman spectrum of VS/NSG sample.

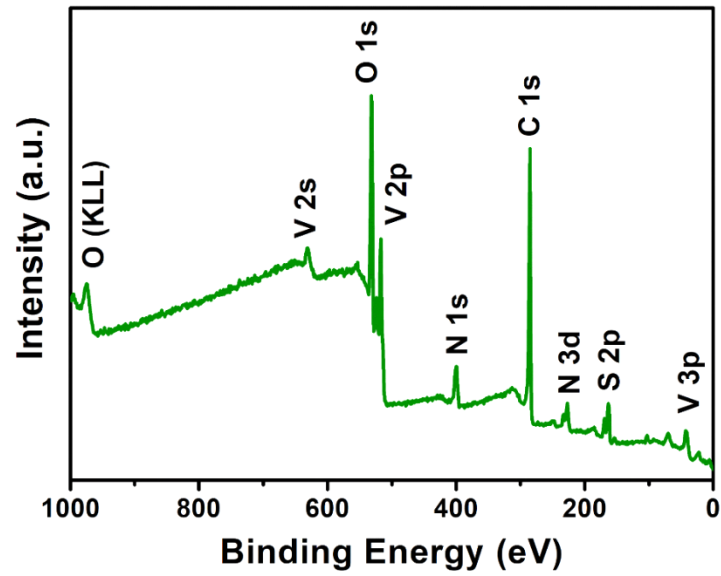


Figure S3: XPS spectrum of as-prepared V_3S_4/N , S-rGO nanosheets.

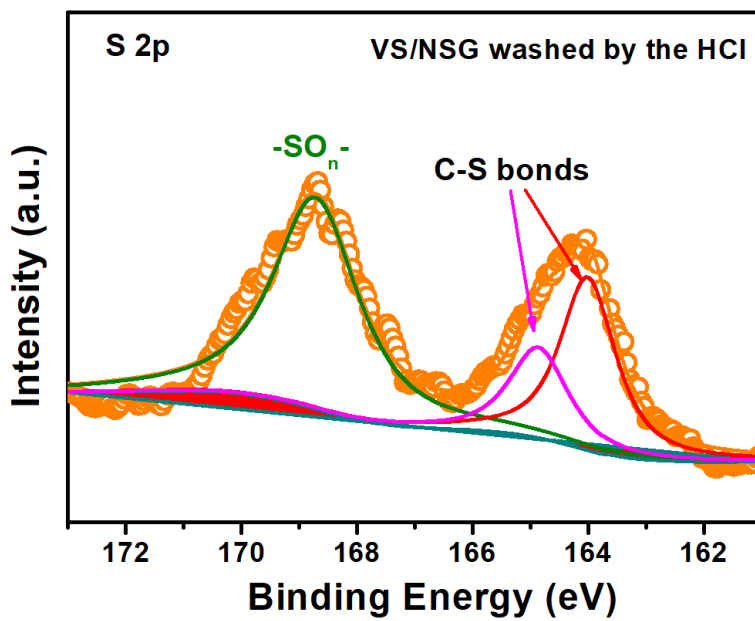


Figure S4: XPS S 2p spectrum of VS/NSG treated after acid.

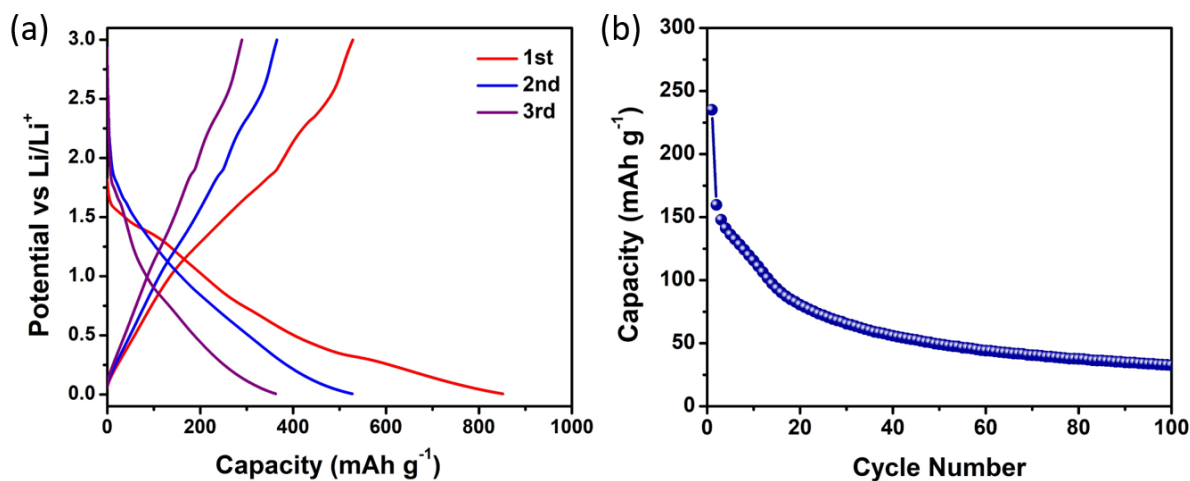


Figure S5: (a) Initial discharge-charge curves and (b) cyclic performance of V_3S_4 counterpart under 0.05 and 0.5 A g^{-1} , respectively.

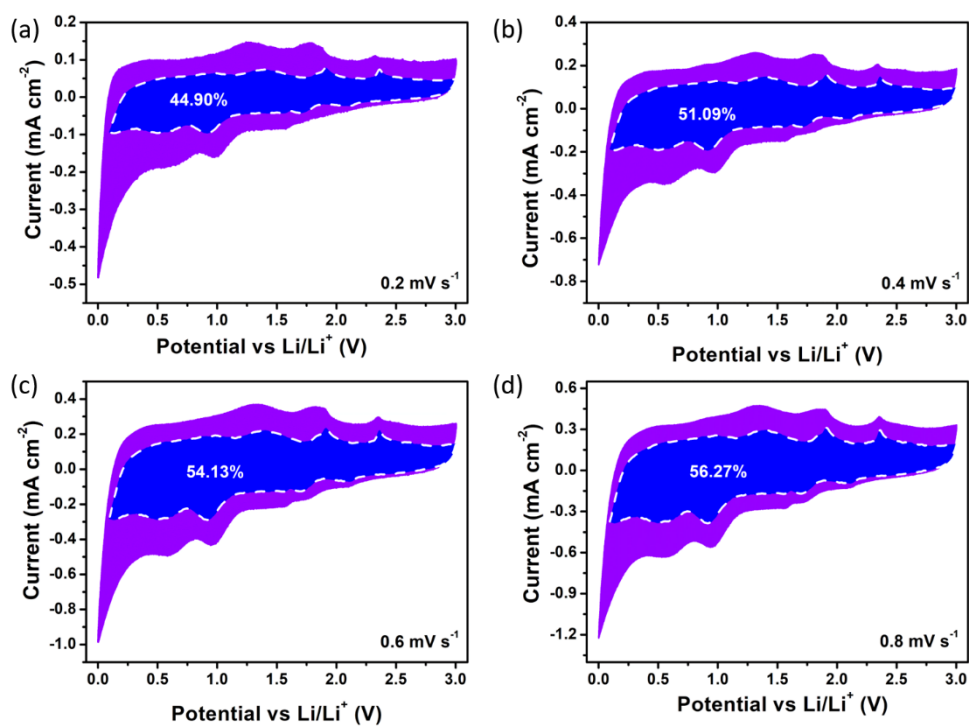


Figure S6: Capacitive current contribution (blue region) to the charge storage at (a) 0.2, (b) 0.4, (c) 0.6 and (d) 0.8 mV s^{-1} of V_3S_4/N , S-rGO nanosheets.

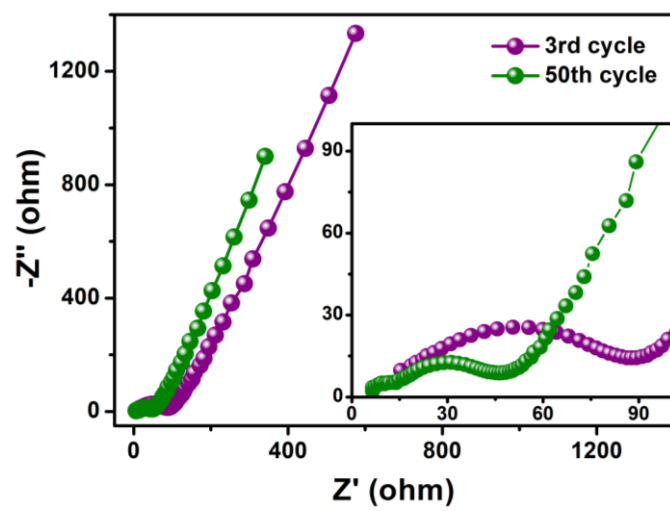


Figure S7: Nyquist plots of V_3S_4/N , S-rGO nanosheets cell at 3rd and after 50 cycles.