## Supporting Information: A Facile Method to In-Situ Synthesize Porous Ni<sub>2</sub>GeO<sub>4</sub> Nano-Sheets on Nickel Foam as Advanced Anode Electrodes for Li Ion Batteries

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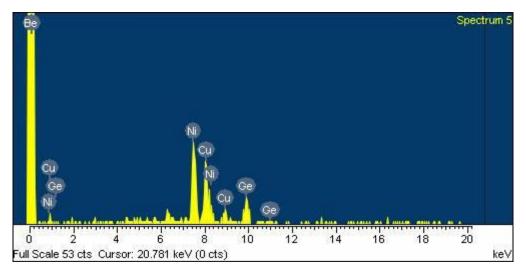
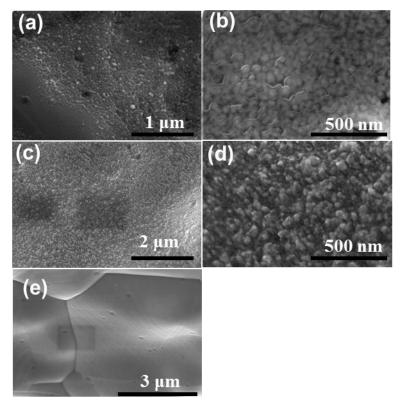


Figure S1. Energy dispersive X-ray spectroscopy (EDS) spectrum of the precursor.



**Figure S2.** SEM images of as-prepared samples. ( $\mathbf{a}$ , $\mathbf{b}$ ) without controlling the pH, ( $\mathbf{c}$ , $\mathbf{d}$ ) without adding GeO<sub>2</sub>, ( $\mathbf{e}$ ) without adding NH<sub>4</sub>OH and GeO<sub>2</sub>.

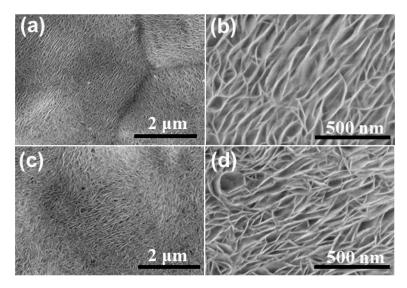


Figure S3. SEM images of as-prepared samples with different reaction time. (a,b) 3h and (c,d) 12 h.

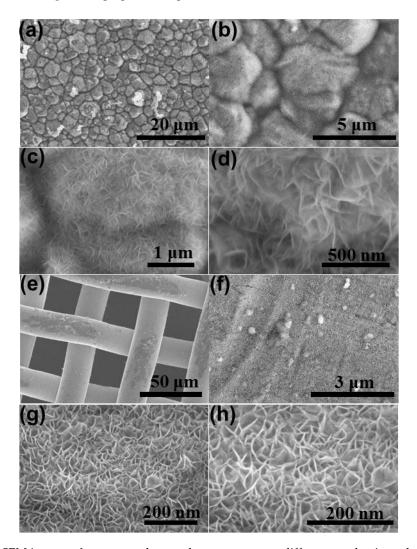


Figure S4. SEM images of as-prepared nano-sheet precursor at different conductive substrate. (a-d) on Cu foil and (e-h) on stainless steel wire.



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