

Supporting Information

High Capacitive Amorphous Barium Nickel Phosphate Nanofibers for Electrochemical Energy Storage

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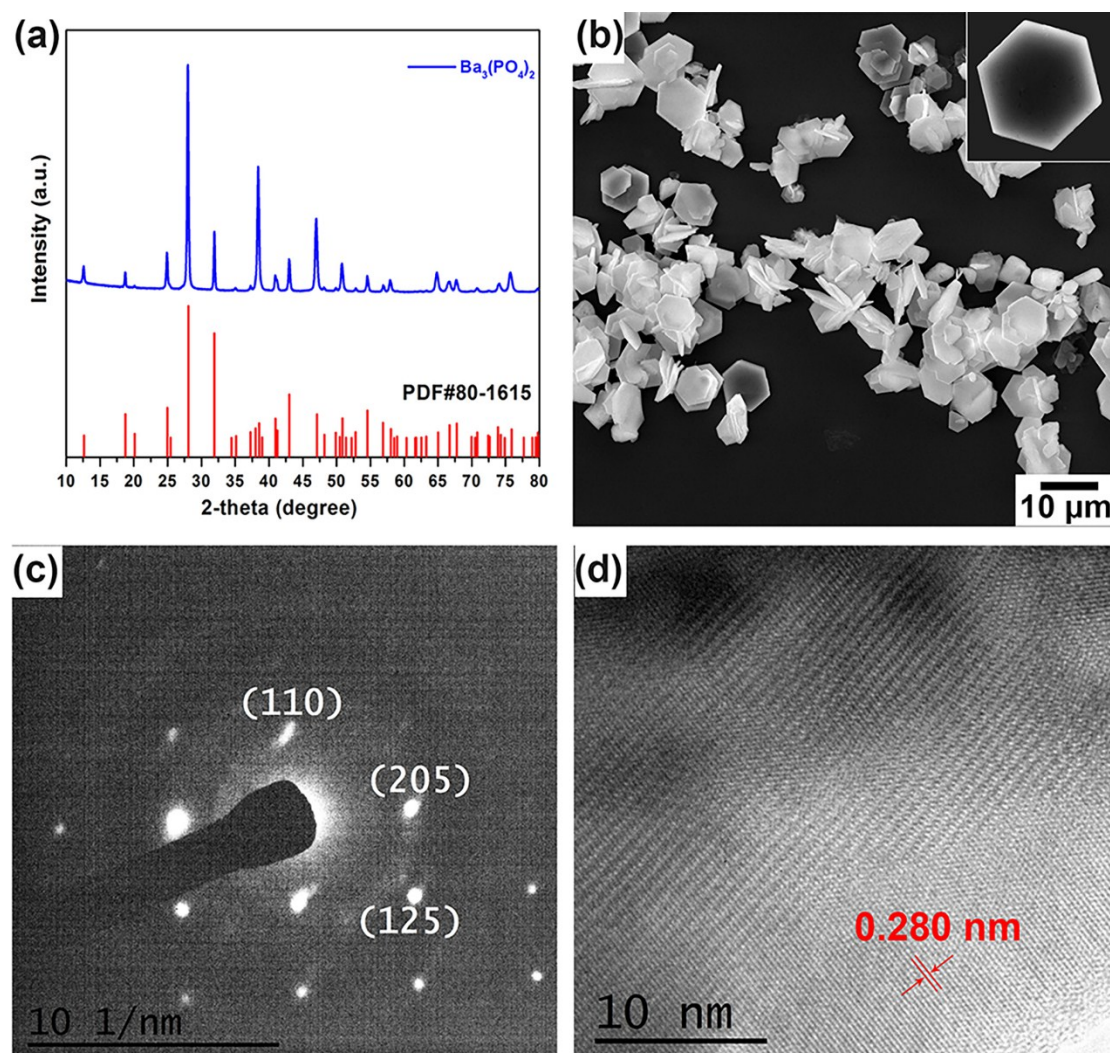


Fig. S1. (a) SEM image, (b) XRD pattern, (c) SAED pattern, and HRTEM image (d) of hexagonal $\text{Ba}_3(\text{PO}_4)_2$ flakes, respectively

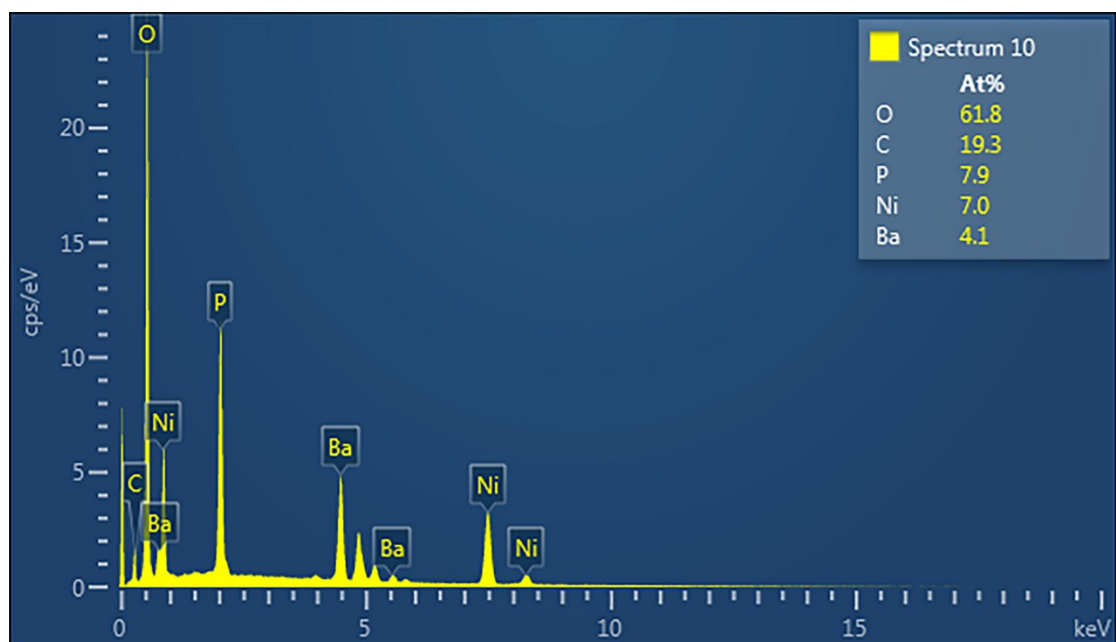


Fig. S2. EDS curve of fresh $\text{Ba}_x\text{Ni}_{3-x}(\text{PO}_4)_2$ nanofibers

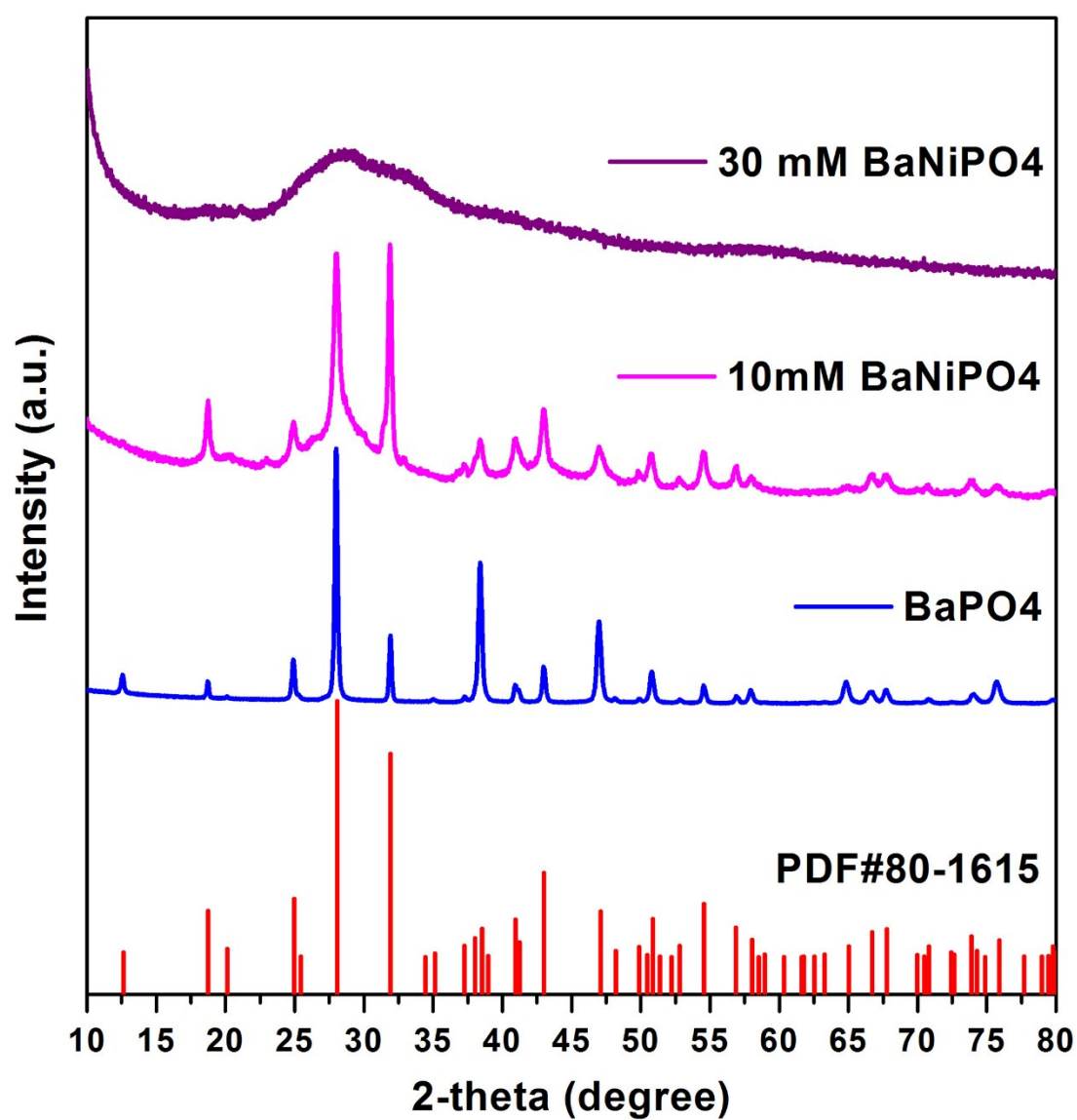


Fig. S3. XRD patterns of $\text{Ba}_x\text{Ni}_{3-x}(\text{PO}_4)_2$ materials with different concentration of nickel nitrate precursor involved in the reaction.

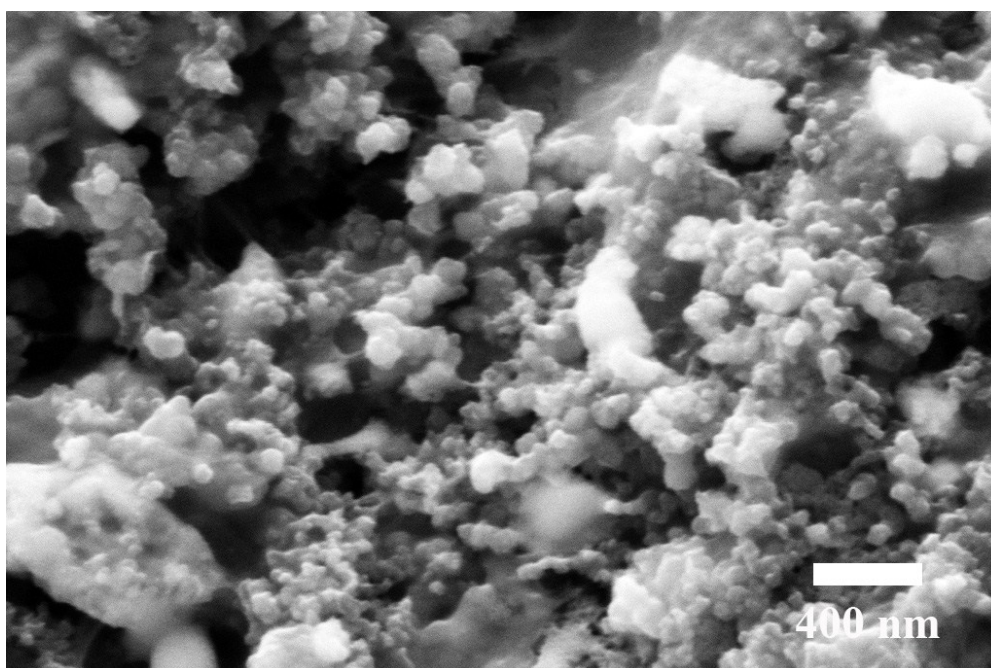


Fig. S4. SEM image of $\text{Ba}_x\text{Ni}_{3-x}(\text{PO}_4)_2$ material after 500 charge/discharge cycles.

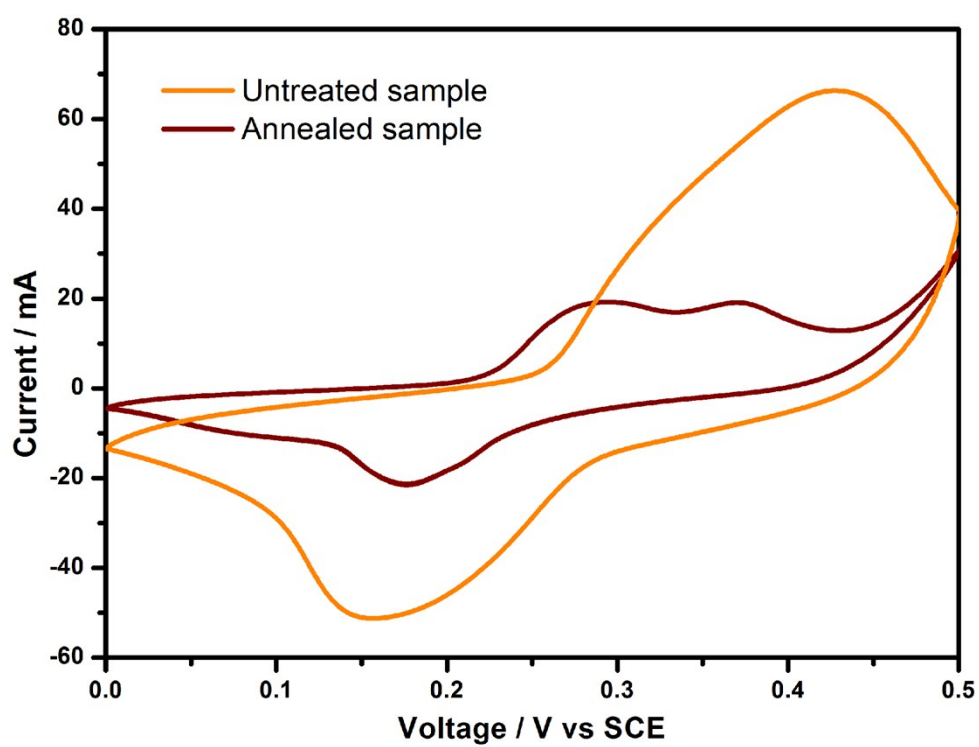


Fig. S5. CV curves of untreated and 800 Celsius annealed $\text{Ba}_x\text{Ni}_{3-x}(\text{PO}_4)_2$ nanofibers with the sweeping rate at 20 mV s^{-1}