

Electronic Supplementary Information (ESI):

A prussian blue as positive electrode material for aqueous sodium-ion capacitor with excellent performance[†]

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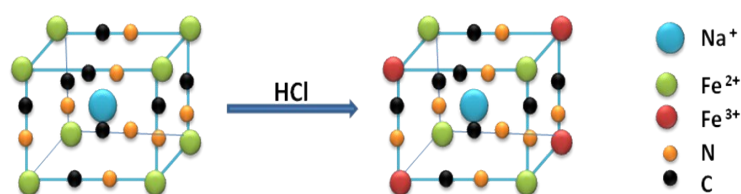


Figure S1. Schematic illustration of the preparation of the PB.

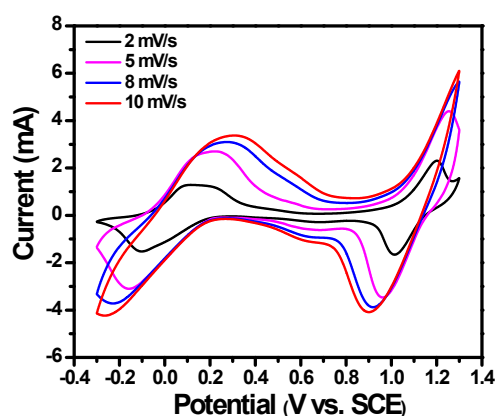


Figure S2. CV curves of the PB at different scan rates.

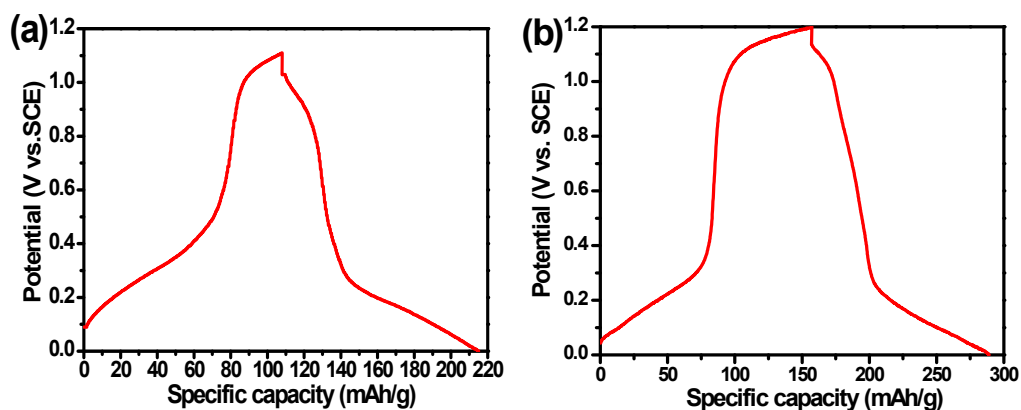


Figure S3. The galvanostatic charge-discharge curves of the PB at the current density of 0.5 A g⁻¹. (a) the potential range from 0 to 1.1 V (vs. SCE), and (b) the potential range from 0 to 1.2 V (vs. SCE).

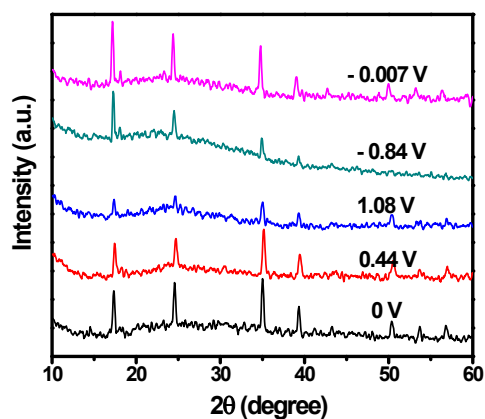


Figure S4 The XRD patterns of the PB electrode at various charge and discharge states in the range of 10-60°.

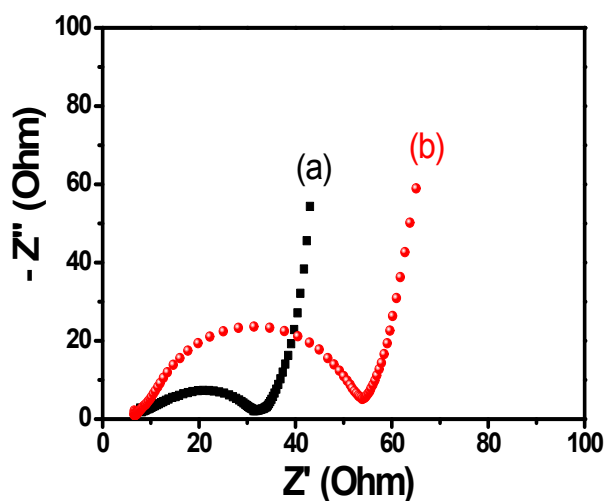


Figure S5 Impedance spectra of the PB/AC capacitor before (a) and after (b) 1000 cycles charged-discharged at 1 A g^{-1} .

Table S1. Content of elements of the PB sample.

Element	Na	Fe	C	N
Content (wt.)	10.65%	38.39%	23.52%	27.44%